

OM protein - protein search, using sw model  
Run on: February 8, 2006, 15:32:29 ; Search time 49 Seconds  
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January 2006

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6: /cgn2_6/podata/1/iaa/backfiles1.pep:*
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Sequence 79, Appl  
Sequence 4, Appl  
Sequence 4, Appl  
Sequence 74, Appl  
Sequence 74, Appl  
Sequence 67, Appl  
Sequence 67, Appl  
Sequence 80, Appl  
Sequence 80, Appl  
Sequence 65, Appl  
Sequence 65, Appl  
Sequence 9, Appl  
Sequence 9, Appl  
Sequence 6, Appl  
Sequence 12, Appl  
Sequence 6, Appl

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US-09-153-927-1  
; Sequence 1, Application US/09153927A  
; Patent No. 6270722  
; GENERAL INFORMATION:  
; APPLICANT: McDonnell, Peter C.  
; APPLICANT: Young, Peter R.  
; APPLICANT: Zou, Jun  
; TITLE OF INVENTION: A Method of Idee  
; TITLE OF INVENTION: Antagonists for  
; TITLE OF INVENTION: and TR5  
FILE REFERENCE: GH50031  
CURRENT APPLICATION NUMBER: US/09/11  
CURRENT FILING DATE: 1998-09-16  
EARLIER APPLICATION NUMBER: 60/0611  
EARLIER FILING DATE: 1997-10-08  
NUMBER OF SEQ ID NOS: 11

## ALIGNMENTS

Sequence 6, Appl  
Sequence 6, Appl  
Sequence 6, Appl  
Sequence 128, Appl  
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Sequence 56, Appl  
Sequence 2, Appl  
Sequence 62, Appl  
Sequence 63, Appl  
Sequence 64, Appl  
Sequence 62, Appl  
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Sequence 130, Appl  
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Sequence 78, Appl  
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Sequence 82, Appl  
Sequence 82, Appl



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QY 244 HSSOBOTFOLKLKMRHONKDODIVTKIIDDICENSVORHIGHANLTPEQLRSIMESLP 303  
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QY 304 GKKUGADETEKTIACKPSDQILKLSWRIKGNDQDTLKGMLHALKSKTYHPKTVQ 363  
Db 304 GKKUGADETEKTIACKPSDQILKLSWRIKGNDQDTLKGMLHALKSKTYHPKTVQ 363  
QY 364 SLKKTIRFLHSFTMVKLYQGLFLEMIGNQVOSVKISCL 401  
Db 364 SLKKTIRFLHSFTMVKLYQGLFLEMIGNQVOSVKISCL 401

RESULT 4  
US-09-338-063A-5  
; Sequence 5, Application US/09338063A  
; Patent No. 691934  
; GENERAL INFORMATION:  
; APPLICANT: GOTO, Masaaki  
; APPLICANT: TSUDA, Eisuke  
; APPLICANT: MOCHIZUKI, Shin'ichi  
; APPLICANT: YANO, Kazuki  
; APPLICANT: KOBAYASHI, Fumie  
; APPLICANT: SHIMA, No. 6919434uyuki  
; APPLICANT: YASUDA, Hisataka  
; APPLICANT: UEDA, Masatsugu  
; APPLICANT: MORINAGA, Tomonori  
; APPLICANT: Ueda, Masatsugu  
; APPLICANT: Hisataka, Hisataka  
; APPLICANT: Shin'ichi, Shin'ichi  
; APPLICANT: Kazuki, Kazuki  
; APPLICANT: Fumie, Fumie  
; APPLICANT: No. 6855808uyuki  
; APPLICANT: Hisataka, Hisataka  
; APPLICANT: Tomonori, Tomonori  
; APPLICANT: Hisataka, Hisataka  
; TITLE OF INVENTION: Monoclonal Antibodies that Bind OCIF  
; FILE REFERENCE: 16991.004  
; CURRENT APPLICATION NUMBER: US/10/232,858  
; CURRENT FILING DATE: 2002-09-03  
; PRIOR APPLICATION NUMBER: PCT/JP96/00374  
; PRIOR FILING DATE: 1995-02-20  
; PRIOR APPLICATION NUMBER: JP 207508/1995  
; PRIOR FILING DATE: 1995-07-21  
; PRIOR APPLICATION NUMBER: US 08/915,004  
; PRIOR FILING DATE: 1997-08-20  
; PRIOR APPLICATION NUMBER: PCT/JP96/00374  
; PRIOR FILING DATE: 1995-02-20  
; PRIOR APPLICATION NUMBER: JP 054977/1995  
; PRIOR FILING DATE: 1995-02-20  
; NUMBER OF SEQ ID NOS: 108  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 5, 401  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-09-338-063A-5  
Query Match : 99.3%; Score: 398; DB: 2; Length: 401;  
Best Local Similarity 100.0%; Pred. No: 0;  
Matches 398; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Length: 401

Query Match : 98.8%; Score: 396; DB: 2; Length: 399;  
Best Local Similarity 100.0%; Pred. No: 0;  
Matches 396; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Length: 399

QY 4 LLCCALVFLDISKWTOTTPPKYHYDEBTSHOLLCDKCPRTSYLKQHCTAKWKTCA 63  
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Db 64 PCPDRHYTDSWHTSDECILCSPVCKELQVKQBCNRTRNVRCECKEGRYLTIEFLCKRS 123  
QY 124 CPRPGFWQVQAGTPERTNTVCKRCPDGFNSNETSSAKPCRKHTNGSVFGILLTGKNAETDN 183  
Db 124 CPRPGFWQVQAGTPERTNTVCKRCPDGFNSNETSSAKPCRKHTNGSVFGILLTGKNAETDN 183  
QY 184 ICSGNSESTOKCGIDVTLCLEARFAVPTKFTPNWLSVLDNLPGTKNAESVERIKRQ 243  
Db 184 ICSGNSESTOKCGIDVTLCLEARFAVPTKFTPNWLSVLDNLPGTKNAESVERIKRQ 243  
QY 244 HSSOBOTFOLKLKMRHONKDODIVTKIIDDICENSVORHIGHANLTPEQLRSIMESLP 303  
Db 244 HSSOBOTFOLKLKMRHONKDODIVTKIIDDICENSVORHIGHANLTPEQLRSIMESLP 303  
QY 304 GKKUGADETEKTIACKPSDQILKLSWRIKGNDQDTLKGMLHALKSKTYHPKTVQ 363  
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RESULT 6 US-09-338-063A-73

; Sequence 73, Application US/09338063A  
; Patent No. 6919434  
; GENERAL INFORMATION:  
; APPLICANT: GOTO, Masaaki  
; APPLICANT: TSUDA, Etsuke  
; APPLICANT: YANO, Kazuki  
; APPLICANT: KOBAYASHI, Fumie  
; APPLICANT: SHIMA, No. 6919434yuki  
; APPLICANT: YASUDA, Hisataka  
; APPLICANT: NAKAGAWA, No. 6919434naki  
; APPLICANT: MORINAGA, Tomonori  
; APPLICANT: UEDA, Masatsugu  
; APPLICANT: HIGASHIO, Kanji  
; TITLE OF INVENTION: Monoclonal Antibodies that Bind OCIF  
; FILE REFERENCE: 16991.005  
; CURRENT APPLICATION NUMBER: US/09/338-063A  
; CURRENT FILING DATE: 1999-06-23  
; PRIOR APPLICATION NUMBER: US 08/915, 004  
; PRIOR FILING DATE: 1997-08-20  
; PRIOR APPLICATION NUMBER: PCT/JP96/00374  
; PRIOR FILING DATE: 1996-02-20  
; PRIOR APPLICATION NUMBER: JP 207508/1995  
; PRIOR FILING DATE: 1995-07-21  
; PRIOR APPLICATION NUMBER: JP 054977/1995  
; PRIOR FILING DATE: 1995-02-20  
; NUMBER OF SEQ ID NOS: 108  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO: 73  
; LENGTH: 399  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-09-338-063A-73

Query Match 98.8%; Score 396; DB 2; Length 399;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 396; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 184 ICSGNSESTOKCGIDVTLCRFAFRRAVPTKTPNWLSVLDNLSTQTKVNEVERIKRQ 243  
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Db 244 HSSQQTFOQLKLWQHQNKODQIVKKI1QDIDCENSVRIGHANLTPEQLSLMESLP 303  
QY 304 GKKVGAEDIETKICKPSDQILKLSLWRIKNGQDQDTLKGMLHALKHKSITYHPPKTWQ 363  
Db 304 GKKVGAEDIETKICKPSDQILKLSLWRIKNGQDQDTLKGMLHALKHKSITYHPPKTWQ 363  
QY 304 GKKVGAEDIETKICKPSDQILKLSLWRIKNGQDQDTLKGMLHALKHKSITYHPPKTWQ 363  
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QY 364 SLKKTIRPLHSFTMVKLYQKPLEMIGNQOVSKIS 399  
Db 364 SLKKTIRPLHSFTMVKLYQKPLEMIGNQOVSKIS 399

RESULT 7 US-10-232-858-66

; Sequence 66, Application US/10232858  
; Patent No. 6855808  
; GENERAL INFORMATION:  
; APPLICANT: GOTO, Masaaki  
; APPLICANT: TSUDA, Etsuke  
; APPLICANT: YANO, Kazuki  
; APPLICANT: KOBAYASHI, Fumie  
; APPLICANT: SHIMA, No. 6855808uyuki  
; APPLICANT: YASUDA, Hisataka  
; APPLICANT: NAKAGAWA, No. 6855808uaki  
; APPLICANT: MORINAGA, Tomonori  
; APPLICANT: UEDA, Masatsugu  
; APPLICANT: HIGASHIO, Kanji  
; TITLE OF INVENTION: No. 6855808bel Proteins and Methods for Producing the Proteins  
; FILE REFERENCE: 16991.004  
; CURRENT APPLICATION NUMBER: US/10/232, 858  
; CURRENT FILING DATE: 2002-09-03  
; PRIOR APPLICATION NUMBER: PCT/JP96/00374  
; PRIOR FILING DATE: 1996-02-20  
; PRIOR APPLICATION NUMBER: 08/915, 004  
; PRIOR FILING DATE: 1997-08-20  
; NUMBER OF SEQ ID NOS: 108  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO: 65  
; LENGTH: 401  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-10-232-858-66

Query Match 98.8%; Score 396; DB 2; Length 401;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 396; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 LUCCALVFDISKWTOEPPPKLYHDESETSHQQLCDKCPGTYLKQHOTAKWKVCA 63  
Db 4 LUCCALVFDISKWTOEPPPKLYHDESETSHQQLCDKCPGTYLKQHOTAKWKVCA 63  
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Db 304 GKKVGAEDIETKICKPSDQILKLSLWRIKNGQDQDTLKGMLHALKHKSITYHPPKTWQ 363  
QY 364 SLKKTIRPLHSFTMVKLYQKPLEMIGNQOVSKIS 399  
Db 364 SLKKTIRPLHSFTMVKLYQKPLEMIGNQOVSKIS 399

RESULT 8 US-09-338-063A-66

; Sequence 66, Application US/09338063A  
; Patent No. 691934  
; GENERAL INFORMATION:  
; APPLICANT: GOTO, Masaaki

```

; APPLICANT: TSUDA, Etsuke
; APPLICANT: MORIZUKI, Shin'ichi
; APPLICANT: YANO, Kazuki
; APPLICANT: KOBAYASHI, Runie
; APPLICANT: SHIMA, No. 6919434uyuki
; APPLICANT: YASUDA, Hisataka
; APPLICANT: NAKAGAWA, No. 6919434uaki
; APPLICANT: MORINAGA, Tomonori
; APPLICANT: UEDA, Masatsugu
; APPLICANT: HIGASHIO, Kanji
; TITLE OF INVENTION: Monoclonal Antibodies that Bind OCIR
; FILE REFERENCE: 16991_005
; CURRENT APPLICATION NUMBER: US/09/338,063A
; CURRENT FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: US 08/915,004
; PRIOR FILING DATE: 1997-08-20
; PRIOR APPLICATION NUMBER: PCT/JP96/00374
; PRIOR FILING DATE: 1996-02-20
; PRIOR APPLICATION NUMBER: JP 207508/1995
; PRIOR FILING DATE: 1995-07-21
; PRIOR APPLICATION NUMBER: JP 054977/1995
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 66
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-338-063A-66

Query Match          99.8%; Score 396; DB 2; Length 401;
Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;
Matches 396; Conservative 0; MisMatches 0; Del 0; Insert 0;

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Db      4 LLCCALVFLDISIKTTQETPPPKLYHYPETSHQLCDKCPGPFYKQHCTAKWKTVA 63
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Db      64 PCPDPHYTDSWHTSDECILYSPVCKELOQVYKQECNRTHNVECKEGRYLEIFCLKRSCPFGV 123
Qy      124 CPPGGVVVOAGTPRNTVKRCPPGFFSNETSSKAPCRKHTNCVFGLLITQKNATHON 183
Db      124 CPSGGVVOAGTPRNTVKRCPPGFFSNETSSKAPCRKHTNCVFGLLITQKNATHON 183
Qy      184 ICGSNESTOKCGIDVTUCLBEAFAFRPAVPTKFTNWLSLVDNLNGTKNAESTERIKQ 243
Db      184 ICSNESTOKCGIDVTUCLBEAFAFRPAVPTKFTNWLSLVDNLNGTKNAESTERIKQ 243
Qy      244 HSSQEQTOLKLKWHQNDQDITWIKIQDIDCENSVORHIGHANLTPEQLRSIMESLP 303
Db      244 HSSQEQTOLKLKWHQNDQDITWIKIQDIDCENSVORHIGHANLTPEQLRSIMESLP 303
Qy      304 GKKVGAEDIEKTIKACKPSDQILKLISLARIKNGDQDTLKGMLHALKHSKTYHFKTVIQ 363
Db      304 GKKVGAEDIEKTIKACKPSDQILKLISLARIKNGDQDTLKGMLHALKHSKTYHFKTVIQ 363
Qy      364 SLKKTIRPLSFMTMKYQKLFMIGNQVOSVKS 399
Db      364 SLKKTIRPLSFMTMKYQKLFMIGNQVOSVKS 399

RESULT 9
US-10-2322-858-106
; Sequence 106, Application US/09338063A
; Patent No. 691934
; GENERAL INFORMATION:
; APPLICANT: GOTO, Masaaki
; APPLICANT: TSUDA, Etsuke
; APPLICANT: YANO, Kazuki
; APPLICANT: KOBAYASHI, Runie
; APPLICANT: SHIMA, No. 6919434uyuki
; APPLICANT: YASUDA, Hisataka
; APPLICANT: NAKAGAWA, No. 6919434uaki
; APPLICANT: MORINAGA, Tomonori
; APPLICANT: UEDA, Masatsugu
; APPLICANT: HIGASHIO, Kanji
; TITLE OF INVENTION: Monoclonal Antibodies that Bind OCIR
; FILE REFERENCE: 16991_005
;
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CURRENT APPLICATION NUMBER: US/09/338,063A  
; CURRENT FILING DATE: 1999-06-23  
; PRIORITY APPLICATION NUMBER: US 08/915,004  
; PRIORITY FILING DATE: 1997-08-20  
; PRIORITY APPLICATION NUMBER: PCT/JP96/00374  
; PRIORITY FILING DATE: 1996-02-20  
; PRIORITY APPLICATION NUMBER: JP 207508/1995  
; PRIORITY FILING DATE: 1995-07-21  
; PRIORITY APPLICATION NUMBER: JP 054977/1995  
; PRIORITY FILING DATE: 1995-02-20  
; NUMBER OF SEQ ID NOS: 108  
; SEQ ID NO: 106  
; LENGTH: 391  
; SOFTWARE: PatentIn version 3.1  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-09-338-063A-106

Query Match 97.5%; Score 391; DB 2; Length 391;  
; Best Local Similarity 100.0%; Pred. No. 0;  
; Matches 391; Conservative 0; Mismatches 0;  
; Indels 0; Gaps 0;

Qy 11 FLDISIKWTTQETTPPKYLYDEETSHOLICDKCPCPGTYLKHONCTAKWTKVCA  
; Db 1 FLDISIKWTTQETTPPKYLYDEETSHOLICDKCPCPGTYLKHONCTAKWTKVCA  
; Qy 71 TDMSHTSDCEYLCSPVCKEIQVKOBCNHTHRVCECKEGYRLEIEFCILKHSRCPGSGV  
; Db 61 TDSWHTSDECYLCSPVCKEIQVKOBCNHTHRVCECKEGYRLEIEFCILKHSRCPGSGV  
; Qy 131 VQAGTPERMIVCKRCPDGFSNETSSKAPCRKHTNSVFGLLTOKGNATHDNCSEN  
; Db 121 VQAGTPERMIVCKRCPDGFSNETSSKAPCRKHTNSVFGLLTOKGNATHDNCSEN  
; Qy 191 STQKGIDDTLCEAFAFPRAVPTKTPNWLISVLVDNLPLGTKVNAESVERKROHSQQT  
; Db 181 STQKGIDDTLCEAFAFPRAVPTKTPNWLISVLVDNLPLGTKVNAESVERKROHSQQT  
; Qy 251 FOLKLKWHQHKNDODIVKKIQTIDLCENSVRHGHANTJPEQRLSMSLPGKVGAE  
; Db 241 FOLKLKWHQHKNDODIVKKIQTIDLCENSVRHGHANTJPEQRLSMSLPGKVGAE  
; Qy 311 DICKTIKACKPSDQIQLSLWRKNGDQTIGLMHALKHSKTHPRKTVTOSLKTIR  
; Db 301 DICKTIKACKPSDQIQLSLWRKNGDQTIGLMHALKHSKTHPRKTVTOSLKTIR  
; Qy 371 FLHFTMYKQKPLEMGNQSVKSL 401

RESULT 11  
; US-10-232-859-79  
; Sequence 79, Application US/10232858  
; Patent No. 6855808  
; GENERAL INFORMATION:  
; APPLICANT: GOTO, Masaaki  
; APPLICANT: TSUDA, Eisuke  
; APPLICANT: MOCHIZUKI, Shin'ichi  
; APPLICANT: YANO, Kazuki  
; APPLICANT: KOBAYASHI, Fumie  
; APPLICANT: SHIMA, No. 691934uyuki  
; APPLICANT: YASUDA, Hisataka  
; APPLICANT: NAKAGAWA, No. 6519434uyaki  
; APPLICANT: MORINAGA, Tomonori  
; APPLICANT: UEDA, Masatugu  
; APPLICANT: HIGASHIO, Kanji  
; TITLE OF INVENTION: Monoclonal Antibodies that Bind OCIF  
; FILE REFERENCE: 16991.005  
; CURRENT APPLICATION NUMBER: US/09/338,063A  
; PRIORITY APPLICATION NUMBER: US 08/915,004  
; PRIORITY FILING DATE: 1997-08-20  
; PRIORITY APPLICATION NUMBER: PCT/JP96/00374  
; PRIORITY FILING DATE: 1996-02-20  
; PRIORITY APPLICATION NUMBER: JP 207508/1995  
; PRIORITY FILING DATE: 1995-07-21  
; PRIORITY APPLICATION NUMBER: JP 054977/1995  
; PRIORITY FILING DATE: 1995-02-20  
; NUMBER OF SEQ ID NOS: 108  
; SEQ ID NO: 108  
; LENGTH: 391  
; SOFTWARE: PatentIn version 3.1  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-10-232-859-79

Query Match 96.8%; Score 388; DB 2; Length 393;  
; Best Local Similarity 100.0%; Pred. No. 0;  
; Matches 388; Conservative 0; Mismatches 0;  
; Indels 0; Gaps 0;

Qy 64 PCPDHYTDWHTSDECYLCSPVCKEIQVKOBCNHTHRVCECKEGYRLEIEFCILKHSRCPGSGV  
; Db 64 PCPDHYTDWHTSDECYLCSPVCKEIQVKOBCNHTHRVCECKEGYRLEIEFCILKHSRCPGSGV  
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; Db 124 CPPGFGVVAQAGTPERMIVCKRCPDGFSNETSSKAPCRKHTNSVFGLLTOKGNATHDNCSEN  
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; Db 184 ICGSNSSSTOKCGIDDTLCEAFAFPRAVPTKTPNWLISVLVDNLPLGTKVNAESVERKROHSQQT  
; Qy 244 HSSEQEQFOLKLKWHQHKNDODIVKKIQTIDLCENSVRHGHANTJPEQRLSMSLPGKVGAE  
; Db 244 HSSEQEQFOLKLKWHQHKNDODIVKKIQTIDLCENSVRHGHANTJPEQRLSMSLPGKVGAE  
; Qy 304 GKKVGADEIETKIKACKPSDQIQLSLWRKNGDQTIGLMHALKHSKTHPRKTVTQ  
; Db 304 GKKVGADEIETKIKACKPSDQIQLSLWRKNGDQTIGLMHALKHSKTHPRKTVTQ  
; Qy 364 SLRKTRFLHSFTMYKQKPLEMGNQSVKSL 391  
; Db 364 SLRKTRFLHSFTMYKQKPLEMGNQSVKSL 391

RESULT 12  
; US-09-338-063A-79  
; Sequence 79, Application US/09338063A  
; Patent No. 6919434  
; GENERAL INFORMATION:  
; APPLICANT: GOTO, Masaaki  
; APPLICANT: TSUDA, Eisuke  
; APPLICANT: MOCHIZUKI, Shin'ichi  
; APPLICANT: YANO, Kazuki  
; APPLICANT: KOBAYASHI, Fumie  
; APPLICANT: SHIMA, No. 691934uyuki  
; APPLICANT: YASUDA, Hisataka  
; APPLICANT: NAKAGAWA, No. 6519434uyaki  
; APPLICANT: MORINAGA, Tomonori  
; APPLICANT: UEDA, Masatugu  
; APPLICANT: HIGASHIO, Kanji  
; TITLE OF INVENTION: Monoclonal Antibodies that Bind OCIF  
; FILE REFERENCE: 16991.005  
; CURRENT APPLICATION NUMBER: US/09/338,063A  
; PRIORITY APPLICATION NUMBER: US 08/915,004  
; PRIORITY FILING DATE: 1997-08-20  
; PRIORITY APPLICATION NUMBER: PCT/JP96/00374  
; PRIORITY FILING DATE: 1996-02-20  
; PRIORITY APPLICATION NUMBER: JP 207508/1995  
; PRIORITY FILING DATE: 1995-07-21  
; PRIORITY APPLICATION NUMBER: JP 054977/1995  
; PRIORITY FILING DATE: 1995-02-20  
; NUMBER OF SEQ ID NOS: 108  
; SEQ ID NO: 108  
; LENGTH: 393  
; SOFTWARE: PatentIn version 3.1

SEQ ID NO 79  
; LENGTH: 393  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-338-053A-79

Query Match 96.8%; Score 388; DB 2; Length 393;  
Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;  
Matches 388; Conservative 0; MisMatches 0; Del 0; Insert 0;

QY 4 LLLCALVFLDISIKTTTETFPKLYHYDRETSHQLCDCPKPGTYLKQHCTAKWKTVCAPCPDHMTDSMHTSACL 63  
Db 4 ILLCALVFLDISIKTTTETFPKLYHYDRETSHQLCDCPKPGTYLKQHCTAKWKTVCAPCPDHMTDSMHTSACL 63

QY 124 CPPRGWVQNGTPERNTCKRCPDGPPSNETSSKAPCRKHTNSVFGGLLTKQGHATHDNCSGSSESTCGIDTL 201  
Db 124 CPPRGWVQNGTPERNTCKRCPDGFFSNETSSKAPCRKHTNSVFGGLLTKQGHATHDNCSGSSESTCGIDTL 201

QY 64 PCPPHYDTSWHTSDECILYSPVCKELOQVKQECNRTHNRYCECKEGRYLBIEFCUKHRSCPPGFGVQAGTPERTV 141  
Db 64 PCPPHYDTSWHTSDECILYSPVCKELOQVKQECNRTHNRYCECKEGRYLBIEFCUKHRSCPPGFGVQAGTPERTV 141

QY 184 ICSENSESTQCGIDVTLCBAAFRPAVPTKPTPNWISVLTVDNLPLGPKWNAESVERIKRQ 243  
Db 184 ICSENSESTQCGIDVTLCBAAFRPAVPTKPTPNWISVLTVDNLPLGPKWNAESVERIKRQ 243

QY 244 HSSQEQTFLQKLUWHQHQNDQDILVCKTACKSDQIQLSLWRKINGDQDLKGMLHAKSKTHIFPKVTO 303  
Db 244 HSSQEQTFLQKLUWHQHQNDQDILVCKTACKSDQIQLSLWRKINGDQDLKGMLHAKSKTHIFPKVTO 303

QY 304 GKKGGAEDTAKTICKACKSDQIQLSLWRKINGDQDLKGMLHAKSKTHIFPKVTO 363  
Db 304 GKKGGAEDTAKTICKACKSDQIQLSLWRKINGDQDLKGMLHAKSKTHIFPKVTO 363

QY 364 SLKKTIRFLHSFTMVKLYQKLPLEMIGN 391  
Db 364 SLKKTIRFLHSFTMVKLYQKLPLEMIGN 391

---

RESULT 13  
US-10-232-858-4 Application US/10232858  
; Sequence 4, Application US/10232858  
; Patent No. 6855808  
; GENERAL INFORMATION:  
; APPLICANT: GOTO, Masaaki  
; APPLICANT: TSUDA, Eisuke  
; APPLICANT: MOCHIZUKI, Shin-ichi  
; APPLICANT: YANO, Kazuki  
; APPLICANT: KOBAYASHI, Fumie  
; APPLICANT: SHIMA, No. 6855808uyuki  
; APPLICANT: YASUDA, Hiataka  
; APPLICANT: NAKAGAWA, No. 6855808uaki  
; APPLICANT: MORINAGA, No. 6855808uaki  
; APPLICANT: MORINAGA, Tomonori  
; APPLICANT: UEDA, Masatugu  
; APPLICANT: HIGASHIO, Kanji  
; TITLE OF INVENTION: Monoclonal Antibodies that Bind OCIP  
; TITTLE OF INVENTION: No. 6855808el Proteins and Methods for Producing the Proteins  
; FILE REFERENCE: 16991..004  
; CURRENT APPLICATION NUMBER: US/10/232, 858  
; CURRENT FILING DATE: 2002-03-03  
; PRIOR APPLICATION NUMBER: PCT/JP96/00374  
; PRIOR FILING DATE: 1996-02-20  
; PRIOR APPLICATION NUMBER: JP 207508/1995  
; PRIOR FILING DATE: 1995-07-21  
; PRIOR APPLICATION NUMBER: JP 054977/1995  
; PRIOR FILING DATE: 1995-02-20  
; NUMBER OF SEQ ID NOS: 108  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 4  
; LENGTH: 380  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-232-858-4

Query Match 94.8%; Score 380; DB 2; Length 380;  
Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;  
Matches 380; Conservative 0; MisMatches 0; Del 0; Insert 0;

QY 22 ETPPKLYHYDRETSHQLCDCPKPGTYLKQHCTAKWKTVCAPCPDHMTDSMHTSACL 81  
Db 1 ETTPKLYHYDRETSHQLCDCPKPGTYLKQHCTAKWKTVCAPCPDHMTDSMHTSACL 81

QY 82 YCSPVCKEIQYVQBCNRTHNRYCECKEGRYLBIEFCUKHRSCPPGFGVQAGTPERTV 141  
Db 61 YCSPVCKEIQYVQBCNRTHNRYCECKEGRYLBIEFCUKHRSCPPGFGVQAGTPERTV 120

QY 142 CRRCPDGFSNESSKAPCRKHTNSVFGGLLTKQGHATHDNCSGSSESTCGIDTL 201  
Db 121 CRCPDGFSNESSKAPCRKHTNSVFGGLLTKQGHATHDNCSGSSESTCGIDTL 180

QY 202 CEEAFRAVPTKPTPNWISVLTVDNLPLGPKWNAESVERIKRQ 261  
Db 241 KDQDIVKLIQDIDCENSVORHIGHANLTFEOLRSIMESLPKVKQGADIEKTIACKP 300

QY 322 SDQTLKLSLWRKINGDQDTLGMLHAKSKTHIFPKVTO 381  
Db 301 SDQTLKLSLWRKINGDQDTLGMLHAKSKTHIFPKVTO 360

QY 382 QKLFLEMGNQVOSVUKSCL 401  
Db 361 QKLFLEMGNQVOSVUKSCL 380

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RESULT 14  
US-09-338-053A-4  
; Sequence 4, Application US/09338053A  
; Patent No. 6919434  
; GENERAL INFORMATION:  
; APPLICANT: GOTO, Masaaki  
; APPLICANT: TSUDA, Eisuke  
; APPLICANT: MOCHIZUKI, Shin-ichi  
; APPLICANT: YANO, Kazuki  
; APPLICANT: KOBAYASHI, Fumie  
; APPLICANT: SHIMA, No. 6919434uyuki  
; APPLICANT: NAKAGAWA, No. 6919434uaki  
; APPLICANT: MORINAGA, Tomonori  
; APPLICANT: UEDA, Masatugu  
; APPLICANT: HIGASHIO, Kanji  
; FILE REFERENCE: 16991.005  
; CURRENT APPLICATION NUMBER: US/09/338, 063A  
; CURRENT FILING DATE: 1999-06-23  
; PRIOR APPLICATION NUMBER: US 08/915, 004  
; PRIOR FILING DATE: 1997-08-20  
; PRIOR APPLICATION NUMBER: PCT/JP96/00374  
; PRIOR FILING DATE: 1996-02-20  
; PRIOR APPLICATION NUMBER: JP 207508/1995  
; PRIOR FILING DATE: 1995-07-21  
; PRIOR APPLICATION NUMBER: JP 054977/1995  
; PRIOR FILING DATE: 1995-02-20  
; NUMBER OF SEQ ID NOS: 108  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 4  
; LENGTH: 380  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-338-053A-4

Query Match 94.8%; Score 380; DB 2; Length 380;  
Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;  
Matches 380; Conservative 0; MisMatches 0; Del 0; Insert 0;

QY 22 ETPPKLYHYDRETSHQLCDCPKPGTYLKQHCTAKWKTVCAPCPDHMTDSMHTSACL 81

Db 1 ETPPPKVLYDEPTSHQQLCDKCPPGTVLKHQCTAKWKTCACPDPHYTDSHTSBL 60  
 Qy 82 YCSPVCKELQYVKQECNRTHNRYCECKSGR YLSIEFCLXHRSCKPGRGVWAGTPERTV 141  
 Db 61 YCSPVCKELQYVKQECNRTHNRYCECKEGRYLEIEFCLKRSCPKGFGVQACTPERNTV 120  
 Qy 142 CKKCPDGFSNETSSKAPCRKHTNCVGFLITOKGNATHDNCSGNSESTOKGIVTL 201  
 Db 121 CKKCPDGFSNETSSKAPCRKHTNCVGFLITOKGNATHDNCSGNSESTOKGIVTL 180  
 Qy 202 CEEAPPRFAVPTKETPNWLSVLVDNLPGTKVNAESVERIKRHOSSQBOTFOLKLWQN 261  
 Db 181 CEEAPPRFAVPTKETPNWLSVLVDNLPGTKVNAESVERIKRHOSSQBOTFOLKLWQN 240  
 Qy 262 KDDQIVKKI IQDIDLCENS VORHIGHANLTPEQLRSIMSLPSKKGVAEDIEKTIACKP 321  
 Db 241 KDDQIVKKI IQDIDLCENS VORHIGHANLTPEQLRSIMSLPSKKGVAEDIEKTIACKP 300  
 Qy 322 SDQIKLISLWRKINGDQDTLKGMLHALKHSKTYHFKVUTQSILKCTIRPLHSFTMVKLY 381  
 Db 301 SDQIKLISLWRKINGDQDTLKGMLHALKHSKTYHFKVUTQSILKCTIRPLHSFTMVKLY 360  
 Qy 382 QKULEMIGNQVOSVKISCL 401  
 Db 361 QKULEMIGNQVOSVKISCL 380

RESULT 15  
 US-10-232-858-74  
 ; Sequence 74, Application US/10232858  
 ; Patent No. 6855808  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GOTO, Masaki  
 ; APPLICANT: TSUDA, Eisuke  
 ; APPLICANT: MOCHIZUKI, Shin'ichi  
 ; APPLICANT: YANO, Kazuki  
 ; APPLICANT: KOBAYASHI, Fumie  
 ; APPLICANT: SHIMA, No. 6855808uyuki  
 ; APPLICANT: YASUDA, Hisataka  
 ; APPLICANT: NAKAGAWA, No. 6855808uaki  
 ; APPLICANT: MORINAGA, Tomonori  
 ; APPLICANT: UEDA, Masaaru  
 ; APPLICANT: HIGASHIO, Kanji  
 ; TITLE OF INVENTION: No. 6855808el Proteins and Methods for Producing the Proteins  
 ; FILE REFERENCE: 16951.004  
 ; CURRENT APPLICATION NUMBER: US/10/232,858  
 ; CURRENT FILING DATE: 2002-09-03  
 ; PRIOR APPLICATION NUMBER: PCT/JP96/00374  
 ; PRIOR FILING DATE: 1996-02-20  
 ; PRIOR APPLICATION NUMBER: 08/915,004  
 ; PRIOR FILING DATE: 1997-08-20  
 ; NUMBER OF SEQ ID NOS: 108  
 ; SOFTWARE: Patentin version 3.1  
 ; SEQ ID NO 74  
 ; LENGTH: 351  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-10-232-858-74

Query Match 86.8%; Score 348; DB 2; Length 351;  
 Best Local Similarity 100.0%; Pred. No. 0;  
 Matches 348; Conservatve 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 LLCCALVFDISIKWTOTEPYPPKVLYDEPTSHQQLCDKCPGTYLKQCTAKWKTCA 63  
 Db 4 LLCCALVFDISIKWTOTEPYPPKVLYDEPTSHQQLCDKCPGTYLKQCTAKWKTCA 63  
 Qy 64 PCPDMYTYDSWHTSDBCLYCSPVCKELQYVKQECNRTHNRYCECKEGRYLEIEFCLKRS 123  
 Db 64 PCPDMYTYDSWHTSDBCLYCSPVCKELQYVKQECNRTHNRYCECKEGRYLEIEFCLKRS 123  
 Qy 124 CPPGFVVVOAGTPERTVCRCPDGFSNETSSKAPCRKHTNCVGFLITOKGNATHDN 183

Db 124 CPPGFVVVOAGTPERTVCRCPDGFSNETSSKAPCRKHTNCVGFLITOKGNATHDN 183  
 Qy 184 ICSGNNSSTOKGIVTLCEBAPPRAVPTKETPNWLSVLVDNLPGTKVNAESVERIKRQ 243  
 Db 184 ICSGNNSSTOKGIVTLCEBAPPRAVPTKETPNWLSVLVDNLPGTKVNAESVERIKRQ 243  
 Qy 244 HSQEQTQOLLKWHQNKDDQIVKKI IQDIDLCENS VORHIGHANLTPEQLRSIMSLP 303  
 Db 244 HSQEQTQOLLKWHQNKDDQIVKKI IQDIDLCENS VORHIGHANLTPEQLRSIMSLP 303  
 Qy 304 GKRVGADIEKTIACKPSDQIKLISLWRKINGDQDTLKGMLHALKH 351  
 Db 304 GKRVGADIEKTIACKPSDQIKLISLWRKINGDQDTLKGMLHALKH 351  
 Search completed: February 8, 2006, 15:33:33  
 Job time : 51 sec

GenCore version 5.1.7  
Copyright (c) 1993 - 2006 Biocceleration Ltd.

OM protein - protein search, using SW model

Run on: February 8, 2006, 15:05:09 ; Search time 177 Seconds  
(without alignments)

Scoring table: BLOSUM62  
Gapext 10.0 , Gapext 0.5

Title: US-09-526-437-2

Perfect score: 2200

Sequence: 1 MNKLUCCALVFLDISKWTI.....QKLFLLEMIGNOVQSVKISCL 401

Scoring table: Gapext 10.0 , Gapext 0.5

Searched: 1867569 seqb, 417829326 residues

Total number of hits satisfying chosen parameters:

1867569

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Maximum Match 0%

Listing first 45 summaries

Database : Published Applications AA\_Main:\*

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2: /cgn2_6/prodata/1/pubpab/US08_PUBCOMB.pep:*
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4: /cgn2_6/prodata/1/pubpab/US08_PUBCOMB.pep:*
5: /cgn2_6/prodata/1/pubpab/US10_PUBCOMB.pep:*
6: /cgn2_6/prodata/1/pubpab/US11_PUBCOMB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No. Score Query Match Length DB ID Description

Result No.	Score	Query	Match	Length	DB	ID	Description
1	2200	100.0	401	4	US-10-066-209-1		Sequence 1, Appli
2	2200	100.0	401	4	US-10-055-342		Sequence 2, Appli
3	2200	100.0	401	4	US-10-164-592-2		Sequence 3, Appli
4	2200	100.0	401	4	US-10-044-774-3		Sequence 4, Appli
5	2200	100.0	401	4	US-10-322-73-5		Sequence 5, Appli
6	2200	100.0	401	4	US-10-139-785-5		Sequence 6, Appli
7	2200	100.0	401	5	US-10-895-76-2		Sequence 7, Appli
8	2200	100.0	401	5	US-10-985-46-5		Sequence 8, Appli
9	2200	100.0	401	5	US-10-986-47-5		Sequence 9, Appli
10	2200	100.0	401	5	US-10-966-845-2		Sequence 10, Appli
11	2200	100.0	401	5	US-10-975-204-529		Sequence 11, Appli
12	2200	100.0	401	5	US-10-775-204-529		Sequence 12, Appli
13	2200	100.0	401	5	US-10-775-204-542		Sequence 13, Appli
14	2200	100.0	401	5	US-10-775-204-1238		Sequence 14, Appli
15	2200	100.0	401	5	US-10-775-204-1239		Sequence 15, Appli
16	2200	100.0	401	5	US-10-981-465-5		Sequence 16, Appli
17	2200	100.0	401	5	US-10-981-221-5		Sequence 17, Appli
18	2200	100.0	401	5	US-10-775-204-1242		Sequence 18, Appli
19	2200	100.0	401	5	US-10-775-204-1243		Sequence 19, Appli
20	2200	100.0	401	5	US-10-775-204-1244		Sequence 20, Appli
21	2200	100.0	401	5	US-10-775-204-1245		Sequence 21, Appli
22	2200	100.0	401	5	US-10-981-465-5		Sequence 22, Appli
23	2200	100.0	401	5	US-10-981-673-5		Sequence 23, Appli
24	2200	100.0	401	5	US-10-981-673-5		Sequence 24, Appli
25	2200	100.0	401	5	US-10-981-691-5		Sequence 25, Appli
26	2200	100.0	401	5	US-10-981-691-5		Sequence 26, Appli
27	2200	100.0	401	5	US-10-986-3376-5		Sequence 27, Appli

#### ALIGNMENTS

RESULT 1

US-10-066-209-1  
Sequence 1, Application US/10066209  
Publication No. US20020115110A1

GENERAL INFORMATION:

APPLICANT: Brigham-Burke, Michael R.  
ATTORNEY: Young, Peter R.

TITLE OF INVENTION: A METHOD OF IDENTIFYING AGONIST AND ANTAGONISTS FOR TUMOR NECROSIS RELATED RECEPTORS TR1 AND TR2

FILE REFERENCE: GH-50030-DI

CURRENT APPLICATION NUMBER: US/10/066,209

CURRENT FILING DATE: 2001-10-25

PRIOR APPLICATION NUMBER: 09/072,993

PRIOR FILING DATE: 1998-05-06

PRIOR APPLICATION NUMBER: 60/055,513

PRIOR FILING DATE: 1997-08-13

PRIOR APPLICATION NUMBER: 60/056,980

PRIOR FILING DATE: 1997-08-26

PRIOR FILING DATE: 1997-08-29

NUMBER OF SEQ ID NOS: 9

SOFTWARE: FastSEQ for Windows Version 3.0  
SEQ ID NO: 1

LENGTH: 401

TYPE: PRT

ORGANISM: HOMO SAPIENS

US-10-066-209-1

Query Match

Best Local Similarity

100.0%; Score 2200; DB 4; Length 401;

Mismatches 0; Indels 0; Gaps 0;

Sequence 1, Conservative

Matches 401; Query

1 MNKLUCCALVFLDISKWTI.....QKLFLLEMIGNOVQSVKISCL 401

Db 1 MNKLUCCALVFLDISKWTI.....QKLFLLEMIGNOVQSVKISCL 60

Sequence 2, Appli

Sequence 3, Appli

Sequence 4, Appli

Sequence 5, Appli

Sequence 6, Appli

Sequence 7, Appli

Query Match

100.0%; Score 2200; DB 4; Length 401;

Mismatches 0; Indels 0; Gaps 0;

Sequence 1, Conservative

Matches 401; Query

1 MNKLUCCALVFLDISKWTI.....QKLFLLEMIGNOVQSVKISCL 401

Db 1 MNKLUCCALVFLDISKWTI.....QKLFLLEMIGNOVQSVKISCL 60

Sequence 2, Appli

Sequence 3, Appli

Sequence 4, Appli

Sequence 5, Appli

Sequence 6, Appli

Sequence 7, Appli

Sequence 8, Appli

Sequence 9, Appli

Sequence 10, Appli

Sequence 11, Appli

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**RESULT 2**  
US-10-105-934-2  
Sequence 2, Application US/10105934  
Publication No. US20020150988A1  
GENERAL INFORMATION:  
APPLICANT: McCarthy, Sean A.  
Holtzman, Douglas  
TITLE OF INVENTION: NOVEL MOLECULES OF THE PTMA-070-RELATED PROTEIN FAMILY AND USES THEREOF  
NUMBER OF SEQUENCES: 18  
FAMILY AND USES THEREOF  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110-2804  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
OPERATING SYSTEM: DOS  
SOFTWARE: Fast-SEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/105, 934  
FILING DATE: 25-Mar-2002  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: US/09/062, 389  
FILING DATE: 17-Apr-1998  
APPLICATION NUMBER: 60/062, 017  
FILING DATE: 10-Oct-1997  
APPLICATION NUMBER: 60/044, 746  
FILING DATE: 18-Apr-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Melkjohn, Anita L.  
REGISTRATION NUMBER: 35, 283  
REFERENCE/DOCKET NUMBER: 09404/051001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617/542-5070  
TELEFAX: 617/542-8906  
TELEX: 200154  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 401 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
FRAGMENT TYPE: internal  
SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
US-10-105-934-2

**RESULT 3**  
US-10-164-592-2  
Sequence 2, Application US/10164592  
Publication No. US20020150989A1  
GENERAL INFORMATION:  
APPLICANT: Green, John M.  
TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor  
FILE REFERENCE: 1488\_071007  
CURRENT APPLICATION NUMBER: US/10/164, 592  
PRIORITY APPLICATION NUMBER: US 08/469, 637  
PRIOR FILING DATE: 1995-06-06  
PRIORITY APPLICATION NUMBER: PCT/US95/03216  
PRIOR FILING DATE: 1995-03-15  
NUMBER OF SEQ ID NOS: 10  
SOFTWARE: Patent version 3.1  
SEQ ID NO 2  
LENGTH: 401  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-164-592-2

Query Match 100.0%; Score 2200; DB 4; Length 401;  
Best Local Similarity 100.0%; Pred. No. 1.2e-14; Pred. No. 1.2e-10; Indels 0; Gaps 0;  
Matches 401; Conservative 0; Mismatches 0; Insertions 0; Deletions 0;

QY 1 MNKLLCCLCALVFDISKITQTSTPPKYLHYDFTSHOLLCDKCPPGTYLKQHCTAKWKT 60  
Db 1 MNKLLCCLCALVFDISKITQTSTPPKYLHYDFTSHOLLCDKCPPGTYLKQHCTAKWKT 60  
QY 61 VCAPCPDIYVTSWHTSDECLYCSPVKELOQVVKQECNRTHRVCECGRYLIEFCLK 120  
Db 61 VCAPCPDIYVTSWHTSDECLYCSPVKELOQVVKQECNRTHRVCECGRYLIEFCLK 120  
QY 121 HRSCKPPGPGVWQGTPERNVTCKRCPPGSNTSSKAPCRKTNCSVFGLUITOKNAT 180  
Db 121 HRSCKPPGPGVWQGTPERNVTCKRCPPGSNTSSKAPCRKTNCSVFGLUITOKNAT 180  
QY 181 HDNCISGENSESTOKCGIDVTCBAAFPRAVPTKPTNWLSVLDNLPGTKNAESTERI 240  
Db 181 HDNCISGENSESTOKCGIDVTCBAAFPRAVPTKPTNWLSVLDNLPGTKNAESTERI 240  
QY 241 KROHSQBQTFOILKWKHQNKQDIDIVKIIQDIDLCENSVERI 300  
Db 241 KROHSQBQTFOILKWKHQNKQDIDIVKIIQDIDLCENSVERI 300  
QY 301 SLGKKGAGDEIETTIACKPSDQILKLSRIRKQDODTGLMHALKHKSITYHFKT 360  
Db 301 SLGKKGAGDEIETTIACKPSDQILKLSRIRKQDODTGLMHALKHKSITYHFKT 360  
QY 361 VTOSLKKIRFLHSPFTMYKLYQKPLEMIGNQVOSVSKSL 401  
Db 361 VTOSLKKIRFLHSPFTMYKLYQKPLEMIGNQVOSVSKSL 401

Qy 361 VTQSUKTIRLHSFTMYKLYOKULEMIGNQVOSVKISCL 401 ;  
Db 361 VTQSUKTIRLHSFTMYKLYOKULEMIGNQVOSVKISCL 401 ;  
; Sequence 3, Application US/10044674  
; Publication No. US20030175710A1  
; GENERAL INFORMATION:  
; APPLICANT: Chew, Anne  
; APPLICANT: Denton, R. Rex  
; APPLICANT: Biglekt, Karyn M  
; APPLICANT: Nandabalan, Krishnan  
; TITLE OF INVENTION: HAPLOTYPES OF THE TNFRSF11B GENE  
; FILE REFERENCE: TNRFP11B MMH-0001US (CITE)  
; CURRENT APPLICATION NUMBER: US/10/044674  
; CURRENT FILING DATE: 2002-01-09  
; PRIOR APPLICATION NUMBER: PCT/US00/18803  
; NUMBER OF SEQ ID NOS: 94  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 3  
; LENGTH: 401  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-10-044-674-3  
Query Match 100.0% Score 2200; DB 4; Length 401;  
Best Local Similarity 100.0%; Pred. No. 1.2e-17; Matches 401; Conservatve 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 MNKUICCALYFLDISIKWTTQETTPPKLYHDEETSHQQLCDKCPGPTIKQHCTAKWT 60 ;  
Db 1 MNKUICCALYFLDISIKWTTQETTPPKLYHDEETSHQQLCDKCPGPTIKQHCTAKWT 60 ;  
Query Match 100.0% Score 2200; DB 4; Length 401;  
Best Local Similarity 100.0%; Pred. No. 1.2e-17; Matches 401; Conservatve 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 MNKUICCALYFLDISIKWTTQETTPPKLYHDEETSHQQLCDKCPGPTIKQHCTAKWT 60 ;  
Db 1 MNKUICCALYFLDISIKWTTQETTPPKLYHDEETSHQQLCDKCPGPTIKQHCTAKWT 60 ;  
Query Match 100.0% Score 2200; DB 4; Length 401;  
Best Local Similarity 100.0%; Pred. No. 1.2e-17; Matches 401; Conservatve 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 61 VCACPDPHYTDMSHTSDCELYCSPVCKELQYVQBCNTRHNRVCECKEGRYLIEFCLK 120 ;  
Db 61 VCACPDPHYTDMSHTSDCELYCSPVCKELQYVQBCNTRHNRVCECKEGRYLIEFCLK 120 ;  
Query Match 100.0% Score 2200; DB 4; Length 401;  
Best Local Similarity 100.0%; Pred. No. 1.2e-17; Matches 401; Conservatve 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 61 VCACPDPHYTDMSHTSDCELYCSPVCKELQYVQBCNTRHNRVCECKEGRYLIEFCLK 120 ;  
Db 61 VCACPDPHYTDMSHTSDCELYCSPVCKELQYVQBCNTRHNRVCECKEGRYLIEFCLK 120 ;  
Query Match 100.0% Score 2200; DB 4; Length 401;  
Best Local Similarity 100.0%; Pred. No. 1.2e-17; Matches 401; Conservatve 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 121 HRSCPFPGVVOAGTPERNTVCKRCPDGFSNETSSKAPCRKHTNCVFGLLITQGNAT 180 ;  
Db 121 HRSCPFPGVVOAGTPERNTVCKRCPDGFSNETSSKAPCRKHTNCVFGLLITQGNAT 180 ;  
Query Match 100.0% Score 2200; DB 4; Length 401;  
Best Local Similarity 100.0%; Pred. No. 1.2e-17; Matches 401; Conservatve 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 181 HDNCSGNBSESTOKCGIDVTLCESAFRAVPKETPNWLSVLUDNLPGTKVNAESVERI 240 ;  
Db 181 HDNCSGNBSESTOKCGIDVTLCESAFRAVPKETPNWLSVLUDNLPGTKVNAESVERI 240 ;  
Query Match 100.0% Score 2200; DB 4; Length 401;  
Best Local Similarity 100.0%; Pred. No. 1.2e-17; Matches 401; Conservatve 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 181 HDNCSGNBSESTOKCGIDVTLCESAFRAVPKETPNWLSVLUDNLPGTKVNAESVERI 240 ;  
Db 181 HDNCSGNBSESTOKCGIDVTLCESAFRAVPKETPNWLSVLUDNLPGTKVNAESVERI 240 ;  
Query Match 100.0% Score 2200; DB 4; Length 401;  
Best Local Similarity 100.0%; Pred. No. 1.2e-17; Matches 401; Conservatve 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 241 KROHSSEQTFOLKKWKHQNKODIVKLIQIDCENSVORHIGHAMLTFSOLRSLME 300 ;  
Db 241 KROHSSEQTFOLKKWKHQNKODIVKLIQIDCENSVORHIGHAMLTFSOLRSLME 300 ;  
Query Match 100.0% Score 2200; DB 4; Length 401;  
Best Local Similarity 100.0%; Pred. No. 1.2e-17; Matches 401; Conservatve 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 301 SLPGKVGABDIETKIKACKPSDOLKLISLWRITKGDDDTKLMHALHKHSKYHEPCT 360 ;  
Db 301 SLPGKVGABDIETKIKACKPSDOLKLISLWRITKGDDDTKLMHALHKHSKYHEPCT 360 ;  
Query Match 100.0% Score 2200; DB 4; Length 401;  
Best Local Similarity 100.0%; Pred. No. 1.2e-17; Matches 401; Conservatve 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 361 VTQSUKTIRLHSFTMYKLYOKULEMIGNQVOSVKISCL 401 ;  
Db 361 VTQSUKTIRLHSFTMYKLYOKULEMIGNQVOSVKISCL 401 ;  
; Sequence 5, Application US/10322673  
; Publication No. US20030180296A1  
; GENERAL INFORMATION:  
; APPLICANT: Salcedo et al.  
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind to TRAIL  
; FILE REFERENCE: PFS85  
; CURRENT APPLICATION NUMBER: US/10/322,673  
; CURRENT FILING DATE: 2002-12-19  
; PRIOR APPLICATION NUMBER: 60/331,310  
; PRIOR FILING DATE: 2001-11-14  
; PRIOR APPLICATION NUMBER: 60/331,044  
; PRIOR FILING DATE: 2001-11-07  
; PRIOR APPLICATION NUMBER: 60/327,364  
; PRIOR FILING DATE: 2001-10-09

RESULT 5  
US-10-322-673-5  
; Sequence 5, Application US/10322673  
; Publication No. US20030180296A1  
; GENERAL INFORMATION:  
; APPLICANT: Salcedo et al.  
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind to TRAIL  
; FILE REFERENCE: PFS85  
; CURRENT APPLICATION NUMBER: US/10/322,673  
; CURRENT FILING DATE: 2002-05-07  
; PRIOR APPLICATION NUMBER: 60/369,860  
; PRIOR FILING DATE: 2002-04-05  
; PRIOR APPLICATION NUMBER: 60/341,237  
; PRIOR FILING DATE: 2001-12-20  
; PRIOR APPLICATION NUMBER: 60/331,310  
; PRIOR FILING DATE: 2001-11-14  
; PRIOR APPLICATION NUMBER: 60/331,044  
; PRIOR FILING DATE: 2001-11-07  
; PRIOR APPLICATION NUMBER: 60/327,364  
; PRIOR FILING DATE: 2001-10-09

RESULT 6  
US-10-139-785-5  
; Sequence 5, Application US/10139785  
; Publication No. US20030190685A1  
; GENERAL INFORMATION:  
; APPLICANT: Salcedo et al.  
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind to TRAIL  
; FILE REFERENCE: PFS50  
; CURRENT APPLICATION NUMBER: US/10/139,785  
; CURRENT FILING DATE: 2002-05-07  
; PRIOR APPLICATION NUMBER: 60/369,860  
; PRIOR FILING DATE: 2002-04-05  
; PRIOR APPLICATION NUMBER: 60/341,237  
; PRIOR FILING DATE: 2001-12-20  
; PRIOR APPLICATION NUMBER: 60/331,310  
; PRIOR FILING DATE: 2001-11-14  
; PRIOR APPLICATION NUMBER: 60/331,044  
; PRIOR FILING DATE: 2001-11-07  
; PRIOR APPLICATION NUMBER: 60/327,364  
; PRIOR FILING DATE: 2001-10-09

APPLICATION NUMBER: US/10/895,676  
 PRIORITY FILING DATE: 21-Jul-2004  
 PRIORITY APPLICATION DATA:  
 PRIORITY APPLICATION NUMBER: US/10/05,934  
 PRIORITY FILING DATE: 25-Mar-2002  
 PRIORITY FILING DATE: 17-APR-1998  
 PRIORITY APPLICATION NUMBER: 60/062,017  
 PRIORITY FILING DATE: 10-OCT-1997  
 PRIORITY APPLICATION NUMBER: 60/044,746  
 PRIORITY FILING DATE: 18-APR-1997  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Meiklejohn, Anita L.  
 REGISTRATION NUMBER: 35,283  
 REFERENCE/DOCKET NUMBER: 09404/051001  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 617/542-5070  
 TELEX: 200154  
 INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 401 amino acids  
 TYPE: amino acid  
 MOLECULE TYPE: protein  
 FRAGMENT TYPE: internal  
 TOPOLOGY: linear  
 SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
 ;US-10-895-676-2  
 Query Match 100.0%; Score 2200; DB 5; Length 401;  
 Best Local Similarity 100.0%; Pred. No. 1.2e-74; Indels 0; Gaps 0;  
 Matches 401; Conservative 0; Mismatches 0;  
 QY 1 MNKLLC CALVFDISIKWTQETPPKLYHDEFTSHOLICDKCPPGTYLKQHCTAKKT 60  
 Db 1 HDN1CSGNSESTOKCGIDVTCCEAERFAVPTKTPWMLSLVNDNPGTKNAESTERI 240  
 QY 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQVYKQECNRTHRVCECKEGRYVIEFCLK 120  
 Db 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQVYKQECNRTHRVCECKEGRYVIEFCLK 120  
 QY 121 HRSCPPGPGGVQAGTPERTVCKRCPPGFSNETSSKAPCRKHTNCVFGLLJTKGNAT 180  
 Db 121 HRSCPPGPGGVQAGTPERTVCKRCPPGFSNETSSKAPCRKHTNCVFGLLJTKGNAT 180  
 QY 181 HDN1CSGNSESTOKCGIDVTCCEAERFAVPTKTPWMLSLVNDNPGTKNAESTERI 240  
 Db 181 HDN1CSGNSESTOKCGIDVTCCEAERFAVPTKTPWMLSLVNDNPGTKNAESTERI 240  
 QY 241 KROHSQEQTFOLKLWKHQNKODIVKKIQTIDLCENSVORHIGHANLTFFQLRSLME 300  
 Db 241 KROHSQEQTFOLKLWKHQNKODIVKKIQTIDLCENSVORHIGHANLTFFQLRSLME 300  
 QY 301 SLPKKVGADIEKTIKACKPSDQIQLKLSLWRKINGDODTLKGIMHALKHKSITYHFPT 360  
 Db 301 SLPKKVGADIEKTIKACKPSDQIQLKLSLWRKINGDODTLKGIMHALKHKSITYHFPT 360  
 QY 361 VTQSIIKTRPLHSPFTMVKYQKPLEMINGQNOVSKCL 401  
 Db 361 VTQSIIKTRPLHSPFTMVKYQKPLEMINGQNOVSKCL 401  
 RESULT 7  
 US-10-895-676-2  
 ; Sequence 2, Application US/10895676  
 ; Publication No. US20050032172A1  
 ; GENERAL INFORMATION:  
 ;  
 ; APPLICANT: McCarthy, Sean A.  
 ; Holtzman, Douglas  
 ; TITLE OF INVENTION: NOVEL MOLECULES OF THE PTMMA-070- RELATED PROTEIN FAMILY AND USES THEREOF  
 ; NUMBER OF SEQUENCES: 18  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Fish & Richardson P.C.  
 ; STREET: 225 Franklin Street  
 ; CITY: Boston  
 ; STATE: MA  
 ; COUNTRY: USA  
 ; ZIP: 02110-2804  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Diskette  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: DOS  
 ; SOFTWARE: FabSEQ for Windows Version 2.0  
 ; CURRENT APPLICATION DATA:  
 ; CURRENT FILING DATE: 2004-11-12

RESULT 8  
 US-10-986-046-5  
 ; Sequence 5, Application US/10986046  
 ; Publication No. US20050129616A1  
 ; GENERAL INFORMATION:  
 ;  
 ; APPLICANT: Salcedo et al.  
 ; TITLE OF INVENTION: Antibodies that Immunospecifically Bind to TRAIL  
 ; TITLE OF INVENTION: Receptors  
 ; FILE REFERENCE: PFP550P103  
 ; CURRENT APPLICATION NUMBER: US/10/986,046  
 ; CURRENT FILING DATE: 2004-11-12

PRIOR APPLICATION NUMBER: 60/608,362 ;  
; PRIOR FILING DATE: 2004-09-10  
; PRIOR APPLICATION NUMBER: PCT/US03/25457  
; PRIOR FILING DATE: 2003-08-15  
; PRIOR APPLICATION NUMBER: 60/468,050  
; PRIOR FILING DATE: 2003-05-06  
; PRIOR APPLICATION NUMBER: 60/425,730  
; PRIOR FILING DATE: 2002-11-13  
; PRIOR APPLICATION NUMBER: 60/403,382  
; PRIOR FILING DATE: 2002-08-15  
; PRIOR APPLICATION NUMBER: 10/139,785  
; PRIOR FILING DATE: 2002-05-07  
; PRIOR APPLICATION NUMBER: 60/293,473  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: 60/294,981  
; PRIOR FILING DATE: 2001-06-04  
; PRIOR APPLICATION NUMBER: 60/309,176  
; PRIOR FILING DATE: 2001-08-02  
; PRIOR APPLICATION NUMBER: 60/323,807  
; PRIOR FILING DATE: 2001-09-21  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 70

; SEQ ID NO: 5  
; LENGTH: 401  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-10-986-046-5

Query Match 100.0%; Score 2200; DB 5; Length 401;  
Best Local Similarity 100.0%; Pred. No. 1.2e-174; Mismatches 0; Indels 0; Gaps 0;  
Matches 401; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

Qy 1 MNKLUCCALVPLDISKWTQETRPPKLYDEETSHQLLCKCPGPTKQHCTAKWCT 60  
Db 1 MNKLUCCALVPLDISKWTQETRPPKLYDEETSHQLLCKCPGPTKQHCTAKWCT 60  
Qy 61 VCARCPDHYTDSMHTSDECLYCSVCKEIQYVKOBENRTHNRCCKEGRYLEIBFCIK 120  
Db 61 VCARCPDHYTDSMHTSDECLYCSVCKEIQYVKOBENRTHNRCCKEGRYLEIBFCIK 120  
Qy 121 HRSCPPIGFGVQAGTPERNTVCKRCRDGFPSNETSSKAPCRKHTNCVFGLLTQGNAT 180  
Db 121 HRSCPPIGFGVQAGTPERNTVCKRCRDGFPSNETSSKAPCRKHTNCVFGLLTQGNAT 180  
Qy 181 HDNTICSGNSNSTOKCGIDVTCEAFAFRPFAVPTKTPNWLSVLVDNLPCTKVNAESVERI 240  
Db 181 HDNTICSGNSNSTOKCGIDVTCEAFAFRPFAVPTKTPNWLSVLVDNLPCTKVNAESVERI 240  
Qy 241 KROHSQEQTFOLKLWKHONKODIVKKILODLCENSVQRHGHANLTPEQRLSME 300  
Db 241 KROHSQEQTFOLKLWKHONKODIVKKILODLCENSVQRHGHANLTPEQRLSME 300  
Qy 301 SLPGKKGADIEKTIKACKPSDQIQLKLSLWRTRKNQDQDTLKGMLMHALKHKSQYHFKT 360  
Db 301 SLPGKKGADIEKTIKACKPSDQIQLKLSLWRTRKNQDQDTLKGMLMHALKHKSQYHFKT 360  
Qy 361 VTOSLKTTRPLHSTMYKLYQKLEMIGNOVOSVKISCL 401  
Db 361 VTOSLKTTRPLHSTMYKLYQKLEMIGNOVOSVKISCL 401

PRIOR FILING DATE: 2004-09-10 ;  
; PRIOR APPLICATION NUMBER: PCT/US03/25457  
; PRIOR FILING DATE: 2003-08-15  
; PRIOR APPLICATION NUMBER: 60/468,050  
; PRIOR FILING DATE: 2003-05-06  
; PRIOR APPLICATION NUMBER: 60/425,730  
; PRIOR FILING DATE: 2002-11-13  
; PRIOR APPLICATION NUMBER: 60/403,382  
; PRIOR FILING DATE: 2002-08-15  
; PRIOR APPLICATION NUMBER: 10/139,785  
; PRIOR FILING DATE: 2002-05-07  
; PRIOR APPLICATION NUMBER: 60/293,473  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: 60/294,981  
; PRIOR FILING DATE: 2001-06-04  
; PRIOR APPLICATION NUMBER: 60/309,176  
; PRIOR FILING DATE: 2001-08-02  
; PRIOR APPLICATION NUMBER: 60/323,807  
; PRIOR FILING DATE: 2001-09-21  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 70

; SEQ ID NO: 5  
; LENGTH: 401  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-10-986-047-5

Query Match 100.0%; Score 2200; DB 5; Length 401;  
Best Local Similarity 100.0%; Pred. No. 1.2e-174; Mismatches 0; Indels 0; Gaps 0;  
Matches 401; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

Qy 1 MNKLUCCALVPLDISKWTQETRPPKLYDEETSHQLLCKCPGPTKQHCTAKWCT 60  
Db 1 MNKLUCCALVPLDISKWTQETRPPKLYDEETSHQLLCKCPGPTKQHCTAKWCT 60  
Qy 61 VCARCPDHYTDSMHTSDECLYCSVCKEIQYVKOBENRTHNRCCKEGRYLEIBFCIK 120  
Db 61 VCARCPDHYTDSMHTSDECLYCSVCKEIQYVKOBENRTHNRCCKEGRYLEIBFCIK 120  
Qy 121 HRSCPPIGFGVQAGTPERNTVCKRCRDGFPSNETSSKAPCRKHTNCVFGLLTQGNAT 180  
Db 121 HRSCPPIGFGVQAGTPERNTVCKRCRDGFPSNETSSKAPCRKHTNCVFGLLTQGNAT 180  
Qy 181 HDNTICSGNSNSTOKCGIDVTCEAFAFRPFAVPTKTPNWLSVLVDNLPCTKVNAESVERI 240  
Db 181 HDNTICSGNSNSTOKCGIDVTCEAFAFRPFAVPTKTPNWLSVLVDNLPCTKVNAESVERI 240  
Qy 241 KROHSQEQTFOLKLWKHONKODIVKKILODLCENSVQRHGHANLTPEQRLSME 300  
Db 241 KROHSQEQTFOLKLWKHONKODIVKKILODLCENSVQRHGHANLTPEQRLSME 300  
Qy 301 SLPGKKGADIEKTIKACKPSDQIQLKLSLWRTRKNQDQDTLKGMLMHALKHKSQYHFKT 360  
Db 301 SLPGKKGADIEKTIKACKPSDQIQLKLSLWRTRKNQDQDTLKGMLMHALKHKSQYHFKT 360  
Qy 361 VTOSLKTTRPLHSTMYKLYQKLEMIGNOVOSVKISCL 401  
Db 361 VTOSLKTTRPLHSTMYKLYQKLEMIGNOVOSVKISCL 401

RESULT 9  
US-10-986-047-5  
; Sequence 5, Application US/10986047  
; Publication No. US20050129699A1  
; GENERAL INFORMATION:  
; APPLICANT: Salcedo et al.  
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind to TRAIL  
; FILE REFERENCE: PFS5PIDI  
; CURRENT APPLICATION NUMBER: US/10/986,047  
; CURRENT FILING DATE: 2004-11-12  
; PRIOR APPLICATION NUMBER: 60/608,362

RESULT 10  
US-10-986-845-2  
; Sequence 2, Application US/10966845  
; Publication No. US20050143301A1  
; GENERAL INFORMATION:  
; APPLICANT: Applied Research Systems ARS Holding N.V.  
; TITLE OF INVENTION: Use of osteoprotegerin for the treatment and/or prevention of fi  
; TITLE OF INVENTION: disease  
; FILE REFERENCE: US 550 CIP  
; CURRENT APPLICATION NUMBER: US/10/966,845  
; CURRENT FILING DATE: 2004-10-15  
; PRIOR APPLICATION NUMBER: EP01100364.5  
; PRIOR FILING DATE: 2002-04-10

PRIOR APPLICATION NUMBER: PCT/EPO3/50080  
; PRIOR FILING DATE: 2003-03-26  
; NUMBER OF SEQ ID NOS: 13  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO: 2  
; LENGTH: 401  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-966-845-2

Query Match Similarity 100.0%; Score 2200; DB 5; Length 401;

Best Local Similarity 100.0%; Pred. No. 1, 2e-174; Indels 0; Gaps 0;  
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MNKULCCALVFLDISIKWTTQETPPKLYHYDEBTSHOLCDKCPGTYLKOHTAKWT 60  
Db 1 MNKULCCALVFLDISIKWTTQETPPKLYHYDEBTSHOLCDKCPGTYLKOHTAKWT 60  
Qy 61 VCAPCPDPHVTDSWHTSDECLYCSPVCKELQYQKOCNRTHNVECEKGRLYIEFCIK 120  
Db 61 VCAPCPDPHVTDSWHTSDECLYCSPVCKELQYQKOCNRTHNVECEKGRLYIEFCIK 120  
Qy 121 HRSCCPPGEGVWQAGTPERINTVCKRCPDGFPSNETSSKAPCRKTNCSYFGLLITOKNAT 180  
Db 121 HRSCCPPGEGVWQAGTPERINTVCKRCPDGFPSNETSSKAPCRKTNCSYFGLLITOKNAT 180  
Qy 181 HDNITCSGNSESTOKCGIDVTLCEAFAFRPAVTPKFTPWLISVLDNPGTKVNAESVERI 240  
Db 181 HDNITCSGNSESTOKCGIDVTLCEAFAFRPAVTPKFTPWLISVLDNPGTKVNAESVERI 240  
Qy 241 KROHSSQETFOLKLWKHONKQDIDIVKTIQDILCENSVORHIGHANTLFQRLSME 300  
Db 241 KROHSSQETFOLKLWKHONKQDIDIVKTIQDILCENSVORHIGHANTLFQRLSME 300  
Qy 301 SLPGKKVGADEDIETTIKACKPSDQILKULSLWRITKNGDODTLKGMLMHALKHSKTYHFKT 360  
Db 301 SLPGKKVGADEDIETTIKACKPSDQILKULSLWRITKNGDODTLKGMLMHALKHSKTYHFKT 360  
Qy 361 VTOSIJKTIRFLHSPTMVKLYQKLFLEMIGNQVOSVKISCL 401  
Db 361 VTOSIJKTIRFLHSPTMVKLYQKLFLEMIGNQVOSVKISCL 401

RESULT 11

US-10-775-204-528  
; Sequence 528, Application US/10775204  
; Publication No. US20050186664A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen, Craig A.  
; APPLICANT: Haseltine, William A.  
; APPLICANT: Balance, David J.  
; APPLICANT: Turner, Andrew J.  
; TITLE OF INVENTION: Albumin Fusion Proteins  
; FILE REFERENCE: PP564  
; CURRENT APPLICATION NUMBER: US10/775,204  
; CURRENT FILING DATE: 2004-02-11  
; PRIOR APPLICATION NUMBER: 60/341,811  
; PRIOR FILING DATE: 2001-12-21  
; PRIOR APPLICATION NUMBER: 60/360,000  
; PRIOR FILING DATE: 2002-02-28  
; PRIOR APPLICATION NUMBER: 60/378,950  
; PRIOR FILING DATE: 2002-05-10  
; PRIOR APPLICATION NUMBER: 60/398,008  
; PRIOR FILING DATE: 2002-07-24  
; PRIOR APPLICATION NUMBER: 60/411,355  
; PRIOR FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: 60/417,611  
; PRIOR FILING DATE: 2002-10-11  
; PRIOR APPLICATION NUMBER: 60/420,246  
; PRIOR FILING DATE: 2002-10-23  
; PRIOR APPLICATION NUMBER: 60/423,623

RESULT 12

US-10-775-204-529  
; Sequence 529, Application US/10775204  
; Publication No. US20050186664A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen, Craig A.  
; APPLICANT: Haseltine, William A.  
; APPLICANT: Balance, David J.  
; APPLICANT: Turner, Andrew J.  
; TITLE OF INVENTION: Albumin Fusion Proteins  
; FILE REFERENCE: PF564  
; CURRENT APPLICATION NUMBER: US10/775,204  
; CURRENT FILING DATE: 2004-02-11  
; PRIOR APPLICATION NUMBER: 60/341,811  
; PRIOR FILING DATE: 2001-12-21  
; PRIOR APPLICATION NUMBER: 60/360,000  
; PRIOR FILING DATE: 2002-02-28  
; PRIOR APPLICATION NUMBER: 60/378,950  
; PRIOR FILING DATE: 2002-05-10  
; PRIOR APPLICATION NUMBER: 60/398,008  
; PRIOR FILING DATE: 2002-07-24  
; PRIOR APPLICATION NUMBER: 60/411,355  
; PRIOR FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: 60/414,984  
; PRIOR FILING DATE: 2002-10-02  
; PRIOR APPLICATION NUMBER: 60/417,611  
; PRIOR FILING DATE: 2002-10-11  
; PRIOR APPLICATION NUMBER: 60/420,246  
; PRIOR FILING DATE: 2002-10-23  
; PRIOR APPLICATION NUMBER: 60/423,623

PRIOR FILING DATE: 2002-11-05  
; PRIOR APPLICATION NUMBER: 60/351,360  
; PRIOR FILING DATE: 2002-01-28  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 2222  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO: 528  
; LENGTH: 401  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-775-204-528

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Best Local Similarity 100.0%; Pred. No. 1, 2e-174; Indels 0; Gaps 0;  
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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; PRIOR FILING DATE: 2002-10-23
; PRIOR APPLICATION NUMBER: 60/423,623
; PRIOR FILING DATE: 2002-11-05
; PRIOR APPLICATION NUMBER: 60/351,360
; PRIOR FILING DATE: 2002-01-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2222
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO: 529
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-775-204-529

Query Match          100.0%; Score 2200; DB 5; Length 401;
Best Local Similarity 100.0%; Pred. No. 1.2e-174; Mismatches 0; Indels 0; Gaps 0;
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Db 361 VTOSLIKTKIRPLASPTMYKLYQKPLEMTGNQNOVSKISCL 401

RESULT 13
US-10-775-204-542
; Sequence 542, Application US/10775204
; Publication No. US20050186664A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig A.
; APPLICANT: Haseltine, William A.
; APPLICANT: Balance, David J.
; APPLICANT: Turner, Andrew J.
; TITLE OF INVENTION: Albumin Fusion Proteins
; FILE REFERENCE: P564
; CURRENT APPLICATION NUMBER: US/10/775,204
; CURRENT FILING DATE: 2004-02-11
; PRIOR APPLICATION NUMBER: 60/341,811
; PRIOR FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 60/360,000
; PRIOR FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: 60/378,950
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/398,008
; PRIOR FILING DATE: 2002-07-24
; PRIOR APPLICATION NUMBER: 60/411,355
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: 60/414,984
; PRIOR FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 60/417,611

RESULT 14
US-10-775-204-1238
; Sequence 1238, Application US/10775204
; Publication No. US20050186664A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig A.
; APPLICANT: Haseltine, William A.
; APPLICANT: Balance, David J.
; APPLICANT: Turner, Andrew J.
; TITLE OF INVENTION: Albumin Fusion Proteins
; FILE REFERENCE: P564
; CURRENT APPLICATION NUMBER: US/10/775,204
; CURRENT FILING DATE: 2004-02-11
; PRIOR APPLICATION NUMBER: 60/341,811
; PRIOR FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 60/360,000
; PRIOR FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: 60/378,950
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/398,008
; PRIOR FILING DATE: 2002-07-24
; PRIOR APPLICATION NUMBER: 60/411,355
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: 60/414,984
; PRIOR FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 60/417,611

; PRIOR FILING DATE: 2002-10-11
; PRIOR APPLICATION NUMBER: 60/420,246
; PRIOR FILING DATE: 2002-10-23
; PRIOR APPLICATION NUMBER: 60/423,623
; PRIOR FILING DATE: 2002-11-05
; PRIOR APPLICATION NUMBER: 60/351,360
; PRIOR FILING DATE: 2002-11-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2222
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO: 542
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-775-204-542

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Best Local Similarity 100.0%; Pred. No. 1.2e-174; Mismatches 0; Indels 0; Gaps 0;
Matches 401; Conservative 0; MisMatches 0; Del 0; Insert 0; Gap 0;

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Db 361 VTOSLIKTKIRPLASPTMYKLYQKPLEMTGNQNOVSKISCL 401

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PRIOR FILING DATE: 2002-10-02 ;  
; PRIOR APPLICATION NUMBER: 60/417,611  
; PRIOR FILING DATE: 2002-10-11 ;  
; PRIOR APPLICATION NUMBER: 60/420,246  
; PRIOR FILING DATE: 2002-10-23 ;  
; PRIOR APPLICATION NUMBER: 60/423,623  
; PRIOR FILING DATE: 2002-11-05 ;  
; PRIOR APPLICATION NUMBER: 60/351,360  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO: 1238 ;  
; LENGTH: 401 ;  
; TYPE: PRT ;  
; ORGANISM: Homo sapiens ;  
; US-10-775-204-1238 ;

Query Match 100.0%; Score 2200; DB 5; Length 401;  
Best Local Similarity 100.0%; Pred. No. 1.2e-14; Mismatches 0; Indels 0; Gaps 0;  
Matches 401; Conservative 0; MisMatches 0;

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; US-10-775-204-1239 ;  
; Sequence 1239, Application US/10775204  
; Publication No. US2005018664A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen, Craig A.  
; APPLICANT: Haseltine, William A.  
; APPLICANT: Balance, David J.  
; APPLICANT: Turner, Andrew J.  
; TITLE OF INVENTION: Albumin Fusion Proteins  
; FILE REFERENCE: PF54  
; CURRENT APPLICATION NUMBER: US/10/775,204  
; PRIOR APPLICATION NUMBER: 60/341,811  
; PRIOR FILING DATE: 2001-12-21  
; PRIOR APPLICATION NUMBER: 60/360,000  
; PRIOR FILING DATE: 2002-02-28  
; PRIOR APPLICATION NUMBER: 60/378,950  
; PRIOR FILING DATE: 2002-05-10  
; PRIOR APPLICATION NUMBER: 60/398,008  
; PRIOR FILING DATE: 2002-07-24  
; PRIOR APPLICATION NUMBER: 60/411,355  
; US-10-775-204-1239 ;  
; Search completed: February 8, 2006, 15:08:35  
; Job time : 179 secB

November 2005

Published\_Applications Nucleic Acid and Published\_Applications Amino Acid database searches now generate two sets of results each. The Published\_Applications databases have been split into two parts to reduce the amount of time required for their daily updates. This results in more machine time being available for processing searches.

Newly published applications will appear in the Published\_Applications\_New databases; older published applications make up the Published\_Applications\_Main databases.

Searches run against Nucleic Acid Published\_Applications produce two sets of results, with the extensions .rnpbm (Published\_Applications\_NA\_Main) and .rnpbn (Published\_Applications\_NA\_New). Searches run against Amino Acid Published\_Applications produce two sets of results, with the extensions .rapbm (Published\_Applications\_AA\_Main) and .rapbn (Published\_Applications\_AA\_New).

مکتبہ ملیٹری ایجنسی  
جنگی تربیتی ادارہ

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Run on: February 8, 2006, 15:44:05 ; Search time 178 Seconds (without alignments) 941.290 Million cell updates/sec						
Copyright (c) 1993 - 2006 Biocceleration Ltd.						
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123	306	76.3	394	4	US-10-785-114-9	Sequence 9, Appl	197	262	65.3	293	3	US-10-929-958-18	Sequence 75, Appl
124	306	76.3	394	5	US-10-929-958-9	Sequence 9, Appl	198	262	65.3	293	3	US-10-929-748-75	Sequence 75, Appl
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138	306	76.3	401	5	US-10-231-858-63	Sequence 63, Appl	212	216	53.9	359	5	US-10-902-113-70	Sequence 69, Appl
139	297	74.1	401	4	US-10-781-114-63	Sequence 64, Appl	213	216	53.9	359	4	US-10-232-858-70	Sequence 69, Appl
140	297	74.1	401	4	US-10-232-858-64	Sequence 62, Appl	214	216	53.9	359	4	US-10-785-108-70	Sequence 69, Appl
141	297	74.1	401	4	US-10-785-109-62	Sequence 63, Appl	215	216	53.9	359	4	US-10-875-109-69	Sequence 69, Appl
142	297	74.1	401	4	US-10-785-109-63	Sequence 64, Appl	216	216	53.9	359	5	US-11-058-073-139	Sequence 139, Appl
143	297	74.1	401	4	US-10-785-114-62	Sequence 62, Appl	217	216	53.9	359	5	US-10-929-748-70	Sequence 125, Ap
144	297	74.1	401	4	US-10-785-114-62	Sequence 63, Appl	218	216	53.9	359	5	US-10-929-303-70	Sequence 70, Appl
145	297	74.1	401	4	US-10-785-114-63	Sequence 64, Appl	219	216	53.9	359	5	US-10-979-654-70	Sequence 70, Appl
146	297	74.1	401	4	US-10-785-114-64	Sequence 62, Appl	220	216	53.9	359	4	US-10-436-826-71	Sequence 70, Appl
147	297	74.1	401	5	US-10-929-58-62	Sequence 63, Appl	221	208	51.9	420	4	US-10-436-826-76	Sequence 70, Appl
148	297	74.1	401	5	US-10-929-58-63	Sequence 64, Appl	222	206	51.4	417	4	US-10-436-826-78	Sequence 70, Appl
149	297	74.1	401	5	US-10-929-58-64	Sequence 62, Appl	223	205	50.6	788	5	US-10-775-204-1225	Sequence 70, Appl
150	297	74.1	401	5	US-10-929-58-65	Sequence 63, Appl	224	203	50.6	788	5	US-10-775-204-1225	Sequence 70, Appl
151	297	74.1	401	5	US-10-929-58-65	Sequence 64, Appl	225	195	48.6	326	3	US-09-022-113-71	Sequence 70, Appl
152	297	74.1	401	5	US-10-929-58-66	Sequence 62, Appl	226	195	48.6	326	4	US-10-232-858-71	Sequence 71, Appl
153	297	74.1	401	5	US-10-929-58-66	Sequence 63, Appl	227	195	48.6	326	4	US-10-875-103-71	Sequence 71, Appl
154	297	74.1	401	5	US-10-979-303-63	Sequence 64, Appl	228	195	48.6	326	4	US-10-785-114-71	Sequence 71, Appl
155	297	74.1	401	5	US-10-979-303-64	Sequence 62, Appl	229	195	48.6	326	5	US-10-929-958-71	Sequence 72, Ap
156	297	74.1	401	5	US-10-979-303-65	Sequence 63, Appl	230	195	48.6	326	5	US-10-929-748-71	Sequence 72, Ap
157	297	74.1	401	5	US-10-979-303-66	Sequence 64, Appl	231	195	48.6	326	5	US-10-979-303-71	Sequence 72, Ap
158	297	74.1	401	5	US-10-979-303-67	Sequence 62, Appl	232	195	48.6	326	5	US-10-979-654-71	Sequence 72, Ap
159	296	73.8	359	3	US-09-621-13-68	Sequence 63, Appl	233	195	48.6	326	4	US-10-979-303-76	Sequence 72, Ap
160	296	73.8	359	4	US-10-231-858-68	Sequence 64, Appl	234	194	48.4	197	4	US-10-332-858-76	Sequence 72, Ap
161	296	73.8	359	4	US-10-785-109-68	Sequence 62, Appl	235	194	48.4	197	4	US-10-785-109-76	Sequence 72, Ap
162	296	73.8	359	4	US-10-785-109-69	Sequence 63, Appl	236	194	48.4	197	4	US-10-785-109-76	Sequence 72, Ap
163	296	73.8	359	5	US-10-929-58-68	Sequence 64, Appl	237	194	48.4	197	5	US-10-929-958-76	Sequence 72, Ap
164	296	73.8	359	5	US-10-929-58-69	Sequence 62, Appl	238	194	48.4	197	5	US-10-929-748-76	Sequence 72, Ap
165	296	73.8	359	5	US-10-929-58-70	Sequence 63, Appl	239	194	48.4	197	5	US-10-979-303-76	Sequence 72, Ap
166	296	73.8	359	5	US-10-979-654-68	Sequence 64, Appl	240	194	48.4	197	5	US-10-979-654-76	Sequence 72, Ap
167	296	73.8	359	5	US-10-979-654-69	Sequence 62, Appl	241	194	48.4	422	6	US-11-058-073-177	Sequence 72, Ap
168	296	73.8	359	5	US-10-979-654-70	Sequence 63, Appl	242	194	48.4	425	4	US-10-437-243-177	Sequence 72, Ap
169	296	72.3	362	4	US-10-785-109-11	Sequence 11, Appl	243	194	48.4	479	5	US-10-775-204-1223	Sequence 1223, Ap
170	296	72.3	362	4	US-10-785-109-11	Sequence 11, Appl	244	194	48.4	779	5	US-10-775-204-1223	Sequence 1228, Ap
171	296	72.3	362	5	US-10-929-58-11	Sequence 11, Appl	245	193	48.4	778	5	US-10-775-204-1224	Sequence 1224, Ap
172	296	72.3	362	5	US-10-929-748-11	Sequence 11, Appl	246	193	48.1	778	5	US-10-775-204-1227	Sequence 1227, Ap

247	187	46.6	3	US-09-840-795-11	RESULT 1	
248	185	46.1	3	US-10-436-826-79	US-10-066-209-1	
249	184	45.9	3	US-09-052-113-81	; Sequence 1, Application US/0066209-1	
250	184	45.9	3	US-10-232-858-81	; Publication No. US2002011510A1	
251	184	45.9	3	US-10-785-109-81	; GENERAL INFORMATION:	
252	184	45.9	4	US-10-785-114-81	; APPLICANT: Brigham-Burke, Michael R.	
253	184	45.9	5	US-10-929-958-81	; APPLICANT: Young, Peter R.	
254	184	45.9	5	US-10-929-748-81	; TITLE OF INVENTION: A METHOD OF IDENTIFYING AGONIST AND	
255	187	45.9	5	US-10-979-303-81	ANTAGONISTS FOR TUMOR NECROSIS RELATED RECEPTORS TRI AND TR2	
256	184	45.9	187	5	US-10-979-654-81	; FILE REFERENCE: GH-50030-01
257	179	44.6	406	3	US-09-389-782-6	; CURRENT APPLICATION NUMBER: US/10/066, 209
258	179	44.6	413	3	US-10-467-243-6	; CURRENT FILING DATE: 2001-10-25
259	173	43.1	173	4	US-10-467-243-18	; PRIOR APPLICATION NUMBER: 09/072, 993
260	173	43.1	173	4	US-10-467-243-26	; PRIOR FILING DATE: 1998-05-06
261	173	43.1	338	4	US-10-436-826-80	; PRIOR APPLICATION NUMBER: 60/055, 513
262	173	43.1	400	3	US-09-389-782-5	; PRIORITY NUMBER: 60/055, 513
263	173	43.1	401	3	US-09-389-782-8	; PRIORITY FILING DATE: 1997-08-13
264	173	43.1	404	3	US-09-389-782-7	; PRIORITY APPLICATION NUMBER: 60/056, 980
265	173	43.1	407	3	US-09-389-782-3	; PRIORITY FILING DATE: 1997-08-26
266	161	40.1	161	4	US-10-125-985-3	; PRIORITY APPLICATION NUMBER: 60/057, 550
267	154	38.4	366	4	US-10-125-985-3	; PRIORITY FILING DATE: 1997-08-29
268	147	36.7	147	3	US-09-756-854-20	; NUMBER OF SEQ ID NOS: 9
269	147	36.7	147	4	US-10-041-574-20	; SOFTWARE: FastSEQ for Windows Version 3.0
270	147	36.7	147	6	US-11-148-333-20	; SEQ ID NO: 1
271	147	36.7	147	6	US-10-375-680-58	; LENGTH: 401
272	146	34.9	146	3	US-10-375-680-58	; TYPE: PRT
273	140	34.9	143	4	US-09-062-113-77	; ORGANISM: Homo Sapiens
274	140	34.9	143	4	US-10-232-858-77	; US-10-066-209-1
275	140	34.9	143	4	US-10-785-109-77	Query Match
276	140	34.9	143	5	US-10-929-748-77	Best Local Similarity
277	140	34.9	143	5	US-10-929-748-77	100.0%; Pred. No. 0;
278	140	34.9	143	5	US-10-929-748-77	Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
279	140	34.9	143	5	US-10-979-303-77	Sequence 77, Appl
280	140	34.9	143	5	US-10-979-654-77	Sequence 77, Appl
281	139	34.7	139	6	US-10-058-073-174	Sequence 77, Appl
282	134	33.4	145	3	US-03-062-113-15	Sequence 77, Appl
283	134	33.4	145	4	US-10-232-858-15	Sequence 77, Appl
284	134	33.4	145	4	US-10-785-110-15	Sequence 77, Appl
285	134	33.4	145	4	US-10-785-114-15	Sequence 77, Appl
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297	127	31.7	154	5	US-10-979-654-13	Sequence 13, Appl
298	120	29.9	120	4	US-10-146-574-8	Sequence 8, Appl
299	106	3	106	3	US-03-062-113-78	Sequence 8, Appl
300	106	3	106	4	US-10-232-858-78	Sequence 8, Appl
301	106	3	106	4	US-10-785-109-78	Sequence 8, Appl
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305	103	25.7	106	5	US-10-979-303-78	Sequence 8, Appl
306	103	25.7	106	5	US-10-979-654-82	Sequence 8, Appl
307	99	24.7	311	4	US-10-436-826-81	Sequence 81, Appl
308	99	24.7	311	4	US-10-232-858-82	Sequence 82, Appl
309	79	19.7	84	4	US-10-232-858-82	Sequence 82, Appl
310	79	19.7	84	4	US-10-785-109-82	Sequence 82, Appl
311	79	19.7	84	4	US-10-785-114-82	Sequence 82, Appl
312	79	19.7	84	5	US-10-929-958-82	Sequence 82, Appl
313	79	19.7	84	5	US-10-929-748-82	Sequence 82, Appl
314	79	19.7	84	5	US-10-979-303-82	Sequence 82, Appl
315	79	19.7	84	5	US-10-979-654-82	Sequence 82, Appl

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.

STREET: 225 Franklin Street

CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02110-2804

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/105, 934

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/062, 389

FILING DATE: 17-APR-1998

APPLICATION NUMBER: 60/062, 017

FILING DATE: 10-OCT-1997

APPLICATION NUMBER: 60/044, 746

FILING DATE: 18-APR-1997

ATTORNEY/AGENT INFORMATION:

NAME: Meiklejohn, Anita L.

REGISTRATION NUMBER: 35, 283

REFERENCE/DOCKET NUMBER: 09404/051001

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617/542-5070

TELEFAX: 617/542-8906

TELEX: 200154

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 401 amino acids

TYPE: amino acid

TOPOLOGY: Linear

MOLECULE TYPE: protein

FRAGMENT TYPE: internal

SEQUENCE DESCRIPTION: SEQ ID NO: 2;

US-10-105-934-2

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Best Local Similarity 100.0%; Score 401; DB 4; Length 401;  
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Db 1 MNKLUCCALVFLDISKIKWTTQETPPPKLYHYDEBTSHOLICDKCPPGTYLKOHCTAKWT 60

Qy 61 VCAPCPDHYTDSWHTSDECILYSPVCKELQYVKQECNTHRNVCCEKGVRIBEFLK 120  
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Qy 121 HRSCPGRGRGVVQAGTPERNVTCKRCPPGFSNETSSKAPCRKHTNCVFGLLITQKNAT 180  
Db 121 HRSCPGRGRGVVQAGTPERNVTCKRCPPGFSNETSSKAPCRKHTNCVFGLLITQKNAT 180

Qy 191 HDNCISNSESTOKCGDVTLCEAERPFAVPKPTPWLSVUDNLPGTKNAESVERI 240  
Db 181 HDNCISNSESTOKCGDVTLCEAERPFAVPKPTPWLSVUDNLPGTKNAESVERI 240

Qy 241 KROHSQEQTFOLKLWKHQNKQDIDVKKIQDIDLENSVORHIGHLNTFQLRSIME 300  
Db 241 KROHSQEQTFOLKLWKHQNKQDIDVKKIQDIDLENSVORHIGHLNTFQLRSIME 300

Qy 301 SLPGKKVGABDIKTIKACKPSQIILKLSLARIKNGDODTUGLMHALKHKSQTYHFPT 360  
Db 301 SLPGKKVGABDIKTIKACKPSQIILKLSLARIKNGDODTUGLMHALKHKSQTYHFPT 360

Qy 361 VTOISKKTRFLHSPTMVKYQKLFLEMIGNQVSQVKISCL 401  
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RESULT 4  
US-10-044-674-3  
; Sequence 3, Application US/10044674  
; Publication No. US00301757101

GENERAL INFORMATION:  
; APPLICANT: Chew, Anne  
; APPLICANT: Denton, R. Rex  
; APPLICANT: Bielecki, Karyn M  
; APPLICANT: Nandaobalan, Krishnan  
; APPLICANT: Stephens, J. Clisborne  
; TITLE OF INVENTION: HAPLOTYPES OF THE TNFRSF1B GENE  
; FILE REFERENCE: TNFRSF1B MMH-0001.US (CIP)  
; CURRENT APPLICATION NUMBER: US/10/044, 674  
; CURRENT FILING DATE: 2002-01-09  
; PRIOR APPLICATION NUMBER: PCT/US00/18003  
; PRIOR FILING DATE: 2000-07-10  
; NUMBER OF SEQ ID NOS: 94

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; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 401
; TITLE: PRT
; ORGANISM: Homo sapiens
; US-10-04-674-3

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Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;
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SBO ID NO 5
; SEQ ID NO 5
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-322-673-5

Query Match 100.0%; Score 401; DB 4; Length 401;
Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
SBO ID NO 5
; SEQ ID NO 5
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-139-705-5

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SBO ID NO 5
; SEQ ID NO 5
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; ORGANISM: Homo sapiens
; US-10-139-705-5

Query Match 100.0%; Score 401; DB 4; Length 401;
Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;
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; US-10-139-705-5

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; SEQ ID NO 5
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; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-139-705-5

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; SEQ ID NO 5
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-139-705-5

Query Match 100.0%; Score 401; DB 4; Length 401;
Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;
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SBO ID NO 5
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; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-139-705-5

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RESULT 7  
US-10-895-676-2  
; Sequence 2, Application US/10895676  
; Publication No. US20050032172A1  
; COMPUTER INFORMATION:  
; APPLICANT: McCarthy, Sean A.  
; Hertzman, Douglas  
; TITLE OF INVENTION: NOVEL MOLECULES OF THE FTMA-070-RELATED PROTEIN  
; FAMILY AND USES THEREOF  
; NUMBER OF SEQUENCES: 18  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEES: Fish & Richardson P.C.  
; STREET: 225 Franklin Street  
; CITY: Boston  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02110-2804  
; COMPUTER READABLE FORM:  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/895,676  
; FILING DATE: 21-Jul-2004  
; PRIORITY APPLICATION DATA:  
; APPLICATION NUMBER: US/10/105,934  
; FILING DATE: 25-Mar-2002  
; APPLICATION NUMBER: US/09/062,389  
; FILING DATE: 17-Apr-1998  
; APPLICATION NUMBER: 60/062,017  
; FILING DATE: 10-Oct-1997  
; APPLICATION NUMBER: 60/044,746  
; FILING DATE: 18-Apr-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Melklejohn, Anita L.  
; REGISTRATION NUMBER: 35,283  
; REFERENCE DOCKET NUMBER: 09404/051001  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617/542-5070  
; TELFAX: 617/542-8906  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 401 amino acids

RESULT 7  
US-10-895-676-2  
; Sequence 2, Application US/10895676  
; Publication No. US20050032172A1  
; COMPUTER INFORMATION:  
; APPLICANT: McCarthy, Sean A.  
; Hertzman, Douglas  
; TITLE OF INVENTION: NOVEL MOLECULES OF THE FTMA-070-RELATED PROTEIN  
; FAMILY AND USES THEREOF  
; NUMBER OF SEQUENCES: 18  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEES: Fish & Richardson P.C.  
; STREET: 225 Franklin Street  
; CITY: Boston  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02110-2804  
; COMPUTER READABLE FORM:  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/895,676  
; FILING DATE: 21-Jul-2004  
; PRIORITY APPLICATION DATA:  
; APPLICATION NUMBER: US/10/105,934  
; FILING DATE: 25-Mar-2002  
; APPLICATION NUMBER: US/09/062,389  
; FILING DATE: 17-Apr-1998  
; APPLICATION NUMBER: 60/062,017  
; FILING DATE: 10-Oct-1997  
; APPLICATION NUMBER: 60/044,746  
; FILING DATE: 18-Apr-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Melklejohn, Anita L.  
; REGISTRATION NUMBER: 35,283  
; REFERENCE DOCKET NUMBER: 09404/051001  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617/542-5070  
; TELFAX: 617/542-8906  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 401 amino acids

RESULT 7  
US-10-895-676-2  
; Sequence 2, Application US/10895676  
; Publication No. US20050032172A1  
; COMPUTER INFORMATION:  
; APPLICANT: McCarthy, Sean A.  
; Hertzman, Douglas  
; TITLE OF INVENTION: NOVEL MOLECULES OF THE FTMA-070-RELATED PROTEIN  
; FAMILY AND USES THEREOF  
; NUMBER OF SEQUENCES: 18  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEES: Fish & Richardson P.C.  
; STREET: 225 Franklin Street  
; CITY: Boston  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02110-2804  
; COMPUTER READABLE FORM:  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/895,676  
; FILING DATE: 21-Jul-2004  
; PRIORITY APPLICATION DATA:  
; APPLICATION NUMBER: US/10/105,934  
; FILING DATE: 25-Mar-2002  
; APPLICATION NUMBER: US/09/062,389  
; FILING DATE: 17-Apr-1998  
; APPLICATION NUMBER: 60/062,017  
; FILING DATE: 10-Oct-1997  
; APPLICATION NUMBER: 60/044,746  
; FILING DATE: 18-Apr-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Melklejohn, Anita L.  
; REGISTRATION NUMBER: 35,283  
; REFERENCE DOCKET NUMBER: 09404/051001  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617/542-5070  
; TELFAX: 617/542-8906  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 401 amino acids

RESULT 8  
US-10-986-046-5  
; Sequence 5, Application US/10986046  
; Publication No. US20050129616A1  
; COMPUTER INFORMATION:  
; APPLICANT: Salcedo et al.  
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind to TRAIL  
; FILE REFERENCE: P550P1D3  
; CURRENT APPLICATION NUMBER: US/10/986,046  
; CURRENT FILING DATE: 2004-11-12  
; PRIOR APPLICATION NUMBER: 60/608,362  
; PRIOR FILING DATE: 2004-09-10  
; PRIORITY APPLICATION NUMBER: PCT/US03/25457  
; PRIOR FILING DATE: 2003-08-15  
; PRIOR APPLICATION NUMBER: 60/468,050  
; PRIOR FILING DATE: 2003-05-06  
; PRIOR APPLICATION NUMBER: 60/425,730  
; PRIOR FILING DATE: 2002-11-13  
; PRIOR APPLICATION NUMBER: 60/403,382  
; PRIOR FILING DATE: 2002-08-15  
; PRIOR APPLICATION NUMBER: 10/139,785  
; PRIOR FILING DATE: 2002-05-07  
; PRIOR APPLICATION NUMBER: 60/293,473  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: 60/294,981  
; PRIOR FILING DATE: 2001-06-04  
; PRIOR APPLICATION NUMBER: 60/309,176  
; PRIOR FILING DATE: 2001-08-02  
; PRIOR APPLICATION NUMBER: 60/323,807  
; PRIOR FILING DATE: 2001-09-21  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 70

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; SEQ ID NO 5
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-986-046-5

Query Match 100.0%; Score 401; DB 5; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Oy 1 MNKLUCCALVFLDISKWTQETPPPKLYHYDEETSHQHLCDCKCPGTYKQCTAKWT 60
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Db 181 HDNITCGNSNSTOKCGIDVTICBAAFPFVPTKTPNMLSVLVLNPGTKVNAESVERI 240
Db 181 HDNITCGNSNSTOKCGIDVTICBAAFPFVPTKTPNMLSVLVLNPGTKVNAESVERI 240
Qy 241 KROHSQOBTFOLLKWKHONKODIVKKTIDPDLCENSVORHIGHAMLTPEQLSME 300
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Db 241 KROHSQOBTFOLLKWKHONKODIVKKTIDPDLCENSVORHIGHAMLTPEQLSME 300
Db 301 SLPGKKGAGDIETIKIACKPSDQILKLSLWRKNGDQDTLKGIMHALHKSKTHFPKT 360
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Db 301 SLPGKKGAGDIETIKIACKPSDQILKLSLWRKNGDQDTLKGIMHALHKSKTHFPKT 360
Qy 361 VTQSIIKTRTFLHSPTMYKLYQKUFLEMIGNOVQSVKISCL 401
Qy 361 VTQSIIKTRTFLHSPTMYKLYQKUFLEMIGNOVQSVKISCL 401
Db 361 VTQSIIKTRTFLHSPTMYKLYQKUFLEMIGNOVQSVKISCL 401
Db 361 VTQSIIKTRTFLHSPTMYKLYQKUFLEMIGNOVQSVKISCL 401
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RESULT 9
US-10-986-047-5
; Sequence 5 Application US/10986047
; Publication No. US20050129699A1
; GENERAL INFORMATION:
; APPLICANT: Salcedo et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind to TRAIL
; TITLE OF INVENTION: Receptors
; FILE REFERENCE: PP5501D1
; CURRENT APPLICATION NUMBER: US/10/986,047
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: 60/608,362
; PRIOR FILING DATE: 2004-09-10
; PRIOR APPLICATION NUMBER: PCT/US03/25457
; PRIOR FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: 60/668,050
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/425,730
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 60/403,382
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: 10/139,785
; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 60/293,473
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/394,981
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/309,176
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/323,807
; PRIOR FILING DATE: 2001-09-21
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 70
; SEQ ID NO 5
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RESULT 9
US-10-986-047-5
; Sequence 5 Application US/10986047
; Publication No. US20050129699A1
; GENERAL INFORMATION:
; APPLICANT: Salcedo et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind to TRAIL
; TITLE OF INVENTION: Receptors
; FILE REFERENCE: PP5501D1
; CURRENT APPLICATION NUMBER: US/10/986,047
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: EP0210364.5
; PRIOR FILING DATE: 2002-04-10
; PRIOR APPLICATION NUMBER: PCT/EP03/50080
; PRIOR FILING DATE: 2003-03-26
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 2
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-986-045-2

Query Match 100.0%; Score 401; DB 5; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 1 MNKLUCCALVFLDISKWTQETPPPKLYHYDEETSHQHLCDCKCPGTYKQCTAKWT 60
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QY 181 HDN1CSGNSESTOKCGIDVTLCBAAFPRAVPKTPNWLSVLVDNLPGTKVNAESVERI 240  
Db 181 HDN1CSGNSESTOKCGIDVTLCBAAFPRAVPKTPNWLSVLVDNLPGTKVNAESVERI 240  
QY 241 KROHSSQBTQFOLKLWKHONKODIVKCIQDILCENSVORHIGHANTLFQRLSME 300  
Db 241 KROHSSQBTQFOLKLWKHONKODIVKCIQDILCENSVORHIGHANTLFQRLSME 300  
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Db 301 SLPGKKVGADEIETTIACKPSDQIULSLWRIKGNDQDTKLGMHALKHSKTYHPKT 360  
QY 361 VTOSLKKTIRPLHSPTMVKLYOKLPLEMIGNQVOSVKISCL 401  
Db 361 VTOSLKKTIRPLHSPTMVKLYOKLPLEMIGNQVOSVKISCL 401

RESULT 11  
US-10-775-204-528  
; Sequence 528, Application US/10775204  
; Publication No. US20050186664A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen, Craig A.  
; APPLICANT: Haseltine, William A.  
; APPLICANT: Balance, David J.  
; APPLICANT: Turner, Andrew J.  
; TITLE OF INVENTION: Albumin Fusion Proteins  
; FILE REFERENCE: PFS54  
; CURRENT APPLICATION NUMBER: US/10/775,204  
; CURRENT FILING DATE: 2004-02-11  
; PRIOR APPLICATION NUMBER: 60/341,811  
; PRIOR FILING DATE: 2001-12-21  
; PRIOR APPLICATION NUMBER: 60/360,000  
; PRIOR FILING DATE: 2002-02-28  
; PRIOR APPLICATION NUMBER: 60/378,950  
; PRIOR FILING DATE: 2002-05-10  
; PRIOR APPLICATION NUMBER: 60/398,008  
; PRIOR FILING DATE: 2002-07-24  
; PRIOR APPLICATION NUMBER: 60/411,355  
; PRIOR FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: 60/414,984  
; PRIOR FILING DATE: 2002-10-02  
; PRIOR APPLICATION NUMBER: 60/417,611  
; PRIOR FILING DATE: 2002-10-11  
; PRIOR APPLICATION NUMBER: 60/420,246  
; PRIOR FILING DATE: 2002-10-23  
; PRIOR APPLICATION NUMBER: 60/423,623  
; PRIOR FILING DATE: 2002-11-05  
; PRIOR APPLICATION NUMBER: 60/351,360  
; PRIOR FILING DATE: 2002-01-28  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 2222  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 528  
; LENGTH: 401  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-775-204-528

RESULT 12  
US-10-775-204-529  
; Sequence 529, Application US/10775204  
; Publication No. US20050186664A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen, Craig A.  
; APPLICANT: Haseltine, William A.  
; APPLICANT: Balance, David J.  
; APPLICANT: Turner, Andrew J.  
; TITLE OF INVENTION: Albumin Fusion Proteins  
; FILE REFERENCE: PFS54  
; CURRENT APPLICATION NUMBER: US/10/775,204  
; CURRENT FILING DATE: 2004-02-11  
; PRIOR APPLICATION NUMBER: 60/341,811  
; PRIOR FILING DATE: 2001-12-21  
; PRIOR APPLICATION NUMBER: 60/360,000  
; PRIOR FILING DATE: 2002-02-28  
; PRIOR APPLICATION NUMBER: 60/378,950  
; PRIOR FILING DATE: 2002-05-10  
; PRIOR APPLICATION NUMBER: 60/398,008  
; PRIOR FILING DATE: 2002-07-24  
; PRIOR APPLICATION NUMBER: 60/411,355  
; PRIOR FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: 60/414,984  
; PRIOR FILING DATE: 2002-10-02  
; PRIOR APPLICATION NUMBER: 60/417,611  
; PRIOR FILING DATE: 2002-10-11  
; PRIOR APPLICATION NUMBER: 60/420,246  
; PRIOR FILING DATE: 2002-10-23  
; PRIOR APPLICATION NUMBER: 60/423,623  
; PRIOR FILING DATE: 2002-11-05  
; PRIOR APPLICATION NUMBER: 60/351,360  
; PRIOR FILING DATE: 2002-01-28  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 2222  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 529  
; LENGTH: 401  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-775-204-529

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QY 61 VCAPCDHYTDSWHITSDECILCSPUCKELQVKOCNRTRNVERCKEGRYLEIFCLK 120  
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Db 121 HRSCPPGFGVVOAGTPERNTVKCRCPDGFFSNETSSKAPCRKHTNSVFGILLTGKNA 180  
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RESULT 13  
US-10-775-204-542  
; Sequence 542, Application US/10775204  
; Publication No. US20050186664A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen, Craig A.  
; APPLICANT: Hasebtine, William A.  
; APPLICANT: Balance, David J.  
; APPLICANT: Turner, Andrew J.  
; TITLE OF INVENTION: Albumin Fusion Proteins  
; FILE REFERENCE: PP564  
; CURRENT APPLICATION NUMBER: US10/775,204  
; CURRENT FILING DATE: 2004-02-11  
; PRIOR APPLICATION NUMBER: 60/341,811  
; PRIOR FILING DATE: 2001-12-21  
; PRIOR APPLICATION NUMBER: 60/360,000  
; PRIOR FILING DATE: 2002-02-28  
; PRIOR APPLICATION NUMBER: 60/378,950  
; PRIOR FILING DATE: 2002-05-10  
; PRIOR APPLICATION NUMBER: 60/388,008  
; PRIOR FILING DATE: 2002-07-24  
; PRIOR APPLICATION NUMBER: 60/411,355  
; PRIOR FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: 60/414,984  
; PRIOR FILING DATE: 2002-10-02  
; PRIOR APPLICATION NUMBER: 60/417,611  
; PRIOR FILING DATE: 2002-10-11  
; PRIOR APPLICATION NUMBER: 60/420,246  
; PRIOR FILING DATE: 2002-10-23  
; PRIOR APPLICATION NUMBER: 60/423,623  
; PRIOR FILING DATE: 2002-11-05  
; PRIOR APPLICATION NUMBER: 60/351,360  
; PRIOR FILING DATE: 2002-01-28  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 2222  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO: 542  
; LENGTH: 401  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-10-775-204-542

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Db 361 VTOSLKKTIRPLHSPTMYKLYOKLPLEMINQNOVSKISCL 401

RESULT 14  
US-10-775-204-1238  
; Sequence 1238, Application US/10775204  
; Publication No. US20050186664A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen, Craig A.  
; APPLICANT: Hasebtine, William A.  
; APPLICANT: Balance, David J.  
; APPLICANT: Turner, Andrew J.  
; TITLE OF INVENTION: Albumin Fusion Proteins  
; FILE REFERENCE: PP564  
; CURRENT APPLICATION NUMBER: US10/775,204  
; CURRENT FILING DATE: 2004-02-11  
; PRIOR APPLICATION NUMBER: 60/341,811  
; PRIOR FILING DATE: 2001-12-21  
; PRIOR APPLICATION NUMBER: 60/360,000  
; PRIOR FILING DATE: 2002-02-28  
; PRIOR APPLICATION NUMBER: 60/378,950  
; PRIOR FILING DATE: 2002-05-10  
; PRIOR APPLICATION NUMBER: 60/398,008  
; PRIOR FILING DATE: 2002-07-24  
; PRIOR APPLICATION NUMBER: 60/411,355  
; PRIOR FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: 60/414,984  
; PRIOR FILING DATE: 2002-10-02  
; PRIOR APPLICATION NUMBER: 60/417,611  
; PRIOR FILING DATE: 2002-10-11  
; PRIOR APPLICATION NUMBER: 60/420,246  
; PRIOR FILING DATE: 2002-11-05  
; PRIOR APPLICATION NUMBER: 60/423,623  
; PRIOR FILING DATE: 2002-11-05  
; PRIOR APPLICATION NUMBER: 60/351,360  
; PRIOR FILING DATE: 2002-01-28  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 2222  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO: 1238  
; LENGTH: 401  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-10-775-204-1238

Query Match 100.0%; Score 401; DB 5; Length 401;  
Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;  
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db	61	VCAPCPDHYTDWSHTSDECLYCSPVCKELQYKQECRTHNVCBCEGRYLBIEFCLK	120							
Qy	121	HRSCPPGFGVVOAGTPERNIVCKRCPDPGSFSNETSSKAPCRKHTNCVFGLLITOKGNAT	180							
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RESULT 15

US-10-775-204-1239

; Sequence 1239, Application US/10775204

; Publication No. US20050186664A1

; GENERAL INFORMATION:

; APPLICANT: Rosen, Craig A.

; APPLICANT: Rosan, Craig A.

; APPLICANT: Balance, David J.

; APPLICANT: Turner, Andrew J.

; TITLE OF INVENTION: Albumin Fusion Proteins

; CURRENT APPLICATION NUMBER: US/10/775,204

; CURRENT FILING DATE: 2004-01-11

; PRIOR APPLICATION NUMBER: 60/341,811

; PRIOR FILING DATE: 2001-12-21

; PRIOR APPLICATION NUMBER: 60/360,000

; PRIOR FILING DATE: 2002-02-28

; PRIOR APPLICATION NUMBER: 60/378,950

; PRIOR FILING DATE: 2002-05-10

; PRIOR APPLICATION NUMBER: 60/398,008

; PRIOR FILING DATE: 2002-07-24

; PRIOR APPLICATION NUMBER: 60/411,355

; PRIOR FILING DATE: 2002-09-18

; PRIOR APPLICATION NUMBER: 60/414,984

; PRIOR FILING DATE: 2002-10-02

; PRIOR APPLICATION NUMBER: 60/417,611

; PRIOR FILING DATE: 2002-10-11

; PRIOR APPLICATION NUMBER: 60/420,246

; PRIOR FILING DATE: 2002-10-23

; PRIOR APPLICATION NUMBER: 60/423,623

; PRIOR FILING DATE: 2002-11-05

; PRIOR APPLICATION NUMBER: 60/351,360

; PRIOR FILING DATE: 2002-01-28

; Remaining prior application data removed - See File wrapper or PAIM.

; NUMBER OF SEQ ID NOS.: 2222

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 1239

; LENGTH: 401

; TYPE: PRT

; ORGANISM: Homo sapiens

US-10-775-204-1239

Query Match 100.0%; Score 401; DB 5; Length 401;

Best local similarity 100.0%; Pred. No. 0;

GenCore version 5.1.7  
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## OM protein - protein search, using SW model

Run on: February 8, 2006, 15:44:39 ; Search time 18 Seconds

(without alignments)  
292,341 Million cell updates/sec

Title: US-09-526-437-2

Perfect score: 401

Sequence: 1 MNKLUCCALVFLDISIKWTT..... QKLFLEMIGNQVOSVKISCL 401

Scoring table: Oligo Gapop 60.0 , Gapext 60.0

Word size : 30

Total number of hits satisfying chosen parameters: 12

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Listing first 1000 summaries

Database : Published Applications AA\_New:\*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

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4	279	69.6	537	7	US-11-144-236-6
5	179	44.6	406	6	US-10-948-053-6
6	173	43.1	400	6	US-10-948-053-4
7	173	43.1	400	6	US-10-948-053-5
8	173	43.1	401	6	US-10-948-053-8
9	173	43.1	404	6	US-10-948-053-7
10	173	43.1	407	6	US-10-948-053-3
11	161	40.1	161	7	US-11-154-257-3
12	29.9	120	7	US-11-042-814-8	

RESULT 2  
US-10-510-876-4

; Sequence 4, Application US/10510876  
; Publication No. US2006003928A1  
; GENERAL INFORMATION:

; APPLICANT: Power, Christine  
; APPLICANT: Plater-Zyberk, Christine

; APPLICANT: Plater-Zyberk, Christine  
; TITLE OF INVENTION: Use of osteoprotegerin for the treatment and/or prevention of fi

; TITLE OF INVENTION: disease  
; FILE REFERENCE: SLII-P01-001  
; CURRENT APPLICATION NUMBER: US/10/510,876

; PRIORITY FILING DATE: 2002-04-10  
; NUMBER OF SEQ ID NOS: 12  
; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 2  
; LENGTH: 401  
; TYPE: PRT  
; ORGANISM: Homo sapiens

; LENGTH: 401  
; TYPE: PRT  
; ORGANISM: Homo sapiens

US-10-510-876-4

US-10-510-876-2  
; Sequence 2, Application US/10510876  
; Publication No. US2006003928A1  
; GENERAL INFORMATION:

; APPLICANT: Power, Christine  
; APPLICANT: Plater-Zyberk, Christine

; TITLE OF INVENTION: Use of osteoprotegerin for the treatment and/or prevention of fi

QY 1 MNKULCCALWPLDISIKWTQEPPPKVLYAHDEBTSHQLCDKCPPGTYLKQHCTAKKT 60  
 Db 1 MNKULCCALWPLDISIKWTQEPPPKVLYAHDEBTSHQLCDKCPPGTYLKQHCTAKKT 60  
 QY 61 VCARCPDHYTDSWHTSDCLCYSPPCKELOQYKQECNRTHNRVCECKEGRYLIEFCLK 120  
 Db 61 VCARCPDHYTDSWHTSDCLCYSPPCKELOQYKQECNRTHNRVCECKEGRYLIEFCLK 120  
 QY 121 HRSCPPGFgwQAGTPERTVCKRCPDPFSSNETSSKAPRKHNTCSVPGFLITOKENAT 180  
 Db 121 HRSCPPGFgwQAGTPERTVCKRCPDPFSSNETSSKAPRKHNTCSVPGFLITOKENAT 180  
 QY 181 HDNITCSGNSESTOKCGIDVTLCEBAPPRAVPTKETPWLSVLDVNLTGKVNABSTI 240  
 Db 181 HDNITCSGNSESTOKCGIDVTLCEBAPPRAVPTKETPWLSVLDVNLTGKVNABSTI 240  
 QY 241 KROHSSQEQTFOLKLWKWHQNKODIVKCIQDLCENSVORHIGHANTFQLRSIME 300  
 Db 241 KROHSSQEQTFOLKLWKWHQNKODIVKCIQDLCENSVORHIGHANTFQLRSIME 300  
 QY 301 SLPGKKVGAEDIKTIKACKPSDQILKSLWRKGNDDTLGMLMHALKHSKYHFPKT 360  
 Db 301 SLPGKKVGAEDIKTIKACKPSDQILKSLWRKGNDDTLGMLMHALKHSKYHFPKT 360  
 QY 361 VTQSLKKTIRPLSFPMYKLYQKPLEMIGNQVOSVKISCL 401  
 Db 361 VTQSLKKTIRPLSFPMYKLYQKPLEMIGNQVOSVKISCL 401

RESULT 3

US-11-144-236-1  
; Sequence 1, Application US/11144236  
; Publication No. US20050288219A1  
; GENERAL INFORMATION:  
; APPLICANT: NESTEC SA  
; TITLE OF INVENTION: Osteoprotegerin in Milk  
; TUTOR OF INVENTION: Osteoprotegerin in Milk  
; FILE REFERENCE: 88265-6552  
; CURRENT APPLICATION NUMBER: US/11/144,236  
; PRIORITY APPLICATION NUMBER: US/10/676,358  
; PRIORITY FILING DATE: 2003-10-02  
; PRIORITY APPLICATION NUMBER: WO 2002 EP 02912  
; SEQ ID NO: 6  
; LENGTH: 537  
; TYPE: PRT  
; ORGANISM: homo sapiens  
; NUMBER OF SEQ ID NOS: 7  
; OTHER INFORMATION: protein sequence including mature OPG  
; US-11-144-236-6

Query Match Best Local Similarity 69.6%; Score 279; DB 7; Length 380;  
 Matches 379; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 22 ETTPPKVLYAHDEBTSHQLCDKCPPGTYLKQHCTAKKTVCAPCPDHYTDSWHTSDCL 81  
 Db 158 ETTPPKVLYAHDEBTSHQLCDKCPPGTYLKQHCTAKKTVCAPCPDHYTDSWHTSDCL 217  
 QY 82 YESPCKELOQYKQECNRTHNRVCECKEGRYLIEFCLKHRSCPPGFgwQAGTPERTV 141  
 Db 218 YESPCKELOQYKQECNRTHNRVCECKEGRYLIEFCLKHRSCPPGFgwQAGTPERTV 277  
 QY 142 CRRCPDPERFSNETSSKAPRKHNTCSVPGFLITOKENATHDNITCSGNSESTOKCGIDVTL 201  
 Db 278 CRRCPDPERFSNETSSKAPRKHNTCSVPGFLITOKENATHDNITCSGNSESTOKCGIDVTL 337  
 QY 202 CEBAPPRAVPTKETPWLSVLDVNLTGKVNABSTI KROHSSQEQTFOLKLWKWHQ 261  
 Db 338 CEBAPPRAVPTKETPWLSVLDVNLTGKVNABSTI KROHSSQEQTFOLKLWKWHQ 397  
 QY 262 KODIVKCIQDLCENSVORHIGHANTFQLRSIMESLPGKKVGAEDIKTIKACKP 321  
 Db 398 KAODIVKCIQDLCENSVORHIGHANTFQLRSIMESLPGKKVGAEDIKTIKACKP 457  
 QY 322 SDQILKSLWRKGNDDTLGMLMHALKHSKYHFPKTIVTOSLKKTIRPLSFPMYKLY 381  
 Db 458 SDQILKSLWRKGNDDTLGMLMHALKHSKYHFPKTIVTOSLKKTIRPLSFPMYKLY 517

QY 382 QKPLEMIGNQVOSVKISCL 401  
 Db 518 QKPLEMIGNQVOSVKISCL 537

RESULT 4

US-11-144-236-6  
; Sequence 6, Application US/11144236  
; Publication No. US20050288219A1  
; GENERAL INFORMATION:  
; APPLICANT: Nestec SA  
; TITLE OF INVENTION: Osteoprotegerin in Milk  
; FILE REFERENCE: 88265-8852  
; CURRENT APPLICATION NUMBER: US/11/144,236  
; CURRENT FILING DATE: 2005-06-02  
; PRIORITY NUMBER: US/10/676,358  
; PRIORITY FILING DATE: 2003-10-02  
; PRIORITY APPLICATION NUMBER: WO 2002 EP 02912  
; PRIORITY FILING DATE: 2003-03-15  
; PRIORITY APPLICATION NUMBER: EP 20010108414  
; PRIORITY FILING DATE: 2001-04-03  
; PRIORITY APPLICATION NUMBER: WO 2002 EP 02912  
; SEQ ID NO: 6  
; LENGTH: 537  
; TYPE: PRT  
; ORGANISM: artificial  
; OTHER INFORMATION: protein sequence including mature OPG  
; US-11-144-236-6

Query Match Best Local Similarity 69.6%; Score 279; DB 7; Length 380;  
 Matches 379; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 22 ETTPPKVLYAHDEBTSHQLCDKCPPGTYLKQHCTAKKTVCAPCPDHYTDSWHTSDCL 81  
 Db 158 ETTPPKVLYAHDEBTSHQLCDKCPPGTYLKQHCTAKKTVCAPCPDHYTDSWHTSDCL 217  
 QY 82 YESPCKELOQYKQECNRTHNRVCECKEGRYLIEFCLKHRSCPPGFgwQAGTPERTV 141  
 Db 218 YESPCKELOQYKQECNRTHNRVCECKEGRYLIEFCLKHRSCPPGFgwQAGTPERTV 277  
 QY 142 CRRCPDPERFSNETSSKAPRKHNTCSVPGFLITOKENATHDNITCSGNSESTOKCGIDVTL 201  
 Db 278 CRRCPDPERFSNETSSKAPRKHNTCSVPGFLITOKENATHDNITCSGNSESTOKCGIDVTL 337  
 QY 202 CEBAPPRAVPTKETPWLSVLDVNLTGKVNABSTI KROHSSQEQTFOLKLWKWHQ 261  
 Db 338 CEBAPPRAVPTKETPWLSVLDVNLTGKVNABSTI KROHSSQEQTFOLKLWKWHQ 397  
 QY 262 KODIVKCIQDLCENSVORHIGHANTFQLRSIMESLPGKKVGAEDIKTIKACKP 321  
 Db 398 KAODIVKCIQDLCENSVORHIGHANTFQLRSIMESLPGKKVGAEDIKTIKACKP 457  
 QY 322 SDQILKSLWRKGNDDTLGMLMHALKHSKYHFPKTIVTOSLKKTIRPLSFPMYKLY 381  
 Db 458 SDQILKSLWRKGNDDTLGMLMHALKHSKYHFPKTIVTOSLKKTIRPLSFPMYKLY 517

QY 382 QKPLEMIGNQVOSVKISCL 401  
 Db 518 QKPLEMIGNQVOSVKISCL 537

RESULT 5

US-10-948-053-6  
; Sequence 6, Application US/10948053  
; Publication No. US20060019887A1  
; GENERAL INFORMATION:  
; APPLICANT: Dunstan, Colin R.  
; TITLE OF INVENTION: Compositions and Methods for the Prevention or Treatment of Cancer  
; FILE REFERENCE: A-605  
; CURRENT APPLICATION NUMBER: US/10/948,053  
; CURRENT FILING DATE: 2004-09-22  
; PRIORITY APPLICATION NUMBER: CURRENT APPLICATION NUMBER: US/09/389,545  
; PRIORITY FILING DATE: CURRENT FILING DATE: 1999-09-03  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 6  
; LENGTH: 406  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-10-948-053-6

Query Match 44.6%; Score 179; DB 6; Length 406;  
Best Local Similarity 100.0%; Pred. No. 6\_9e-175; Mismatches 0; Indels 0; Gaps 0;  
Matches 179; Conservative 0; MisMatches 0; DelS 0; InsertS 0;

QY 22 ETFPKYLHYDEETSHQLQCLDKCPGTYLKHQHCTAKWKTVCAPCPDHYTDSMHTSDCL 81  
1 ETFPKYLHYDEETSHQLQCLDKCPGTYLKHQHCTAKWKTVCAPCPDHYTDSMHTSDCL 60

QY 82 YCSPVCKELQYVKOBCCRNRTHNRCHECKEGRYLFECFLKHSRSCPFGFVQAGTPERNV 141  
61 YCSPVCKELQYVKOBCCRNRTHNRCHECKEGRYLFECFLKHSRSCPFGFVQAGTPERNV 120

Db 142 CKRPDGFSNETSSKAPRKHNTCSVFGILLTOKGNATHDNICSGNSBTSOKGIDVT 200  
121 CKRPDGFSNETSSKAPRKHNTCSVFGILLTOKGNATHDNICSGNSBTSOKGIDVT 179

RESULT 6  
US-10-948-053-4  
; Sequence 4, Application US/10948053  
; Publication No. US20060019887A1  
; GENERAL INFORMATION:  
; APPLICANT: Dunstan, Colin R.  
; TITLE OF INVENTION: Compositions and Methods for the Prevention or Treatment of Cancer  
; FILE REFERENCE: A-605  
; CURRENT APPLICATION NUMBER: US/10/948,053  
; CURRENT FILING DATE: 2004-09-22  
; PRIORITY APPLICATION NUMBER: CURRENT APPLICATION NUMBER: US/09/389,545  
; PRIORITY FILING DATE: CURRENT FILING DATE: 1999-09-03  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 4  
; LENGTH: 400  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-10-948-053-4

RESULT 7  
US-10-948-053-5  
; Sequence 5, Application US/10948053  
; Publication No. US20060019887A1  
; GENERAL INFORMATION:  
; APPLICANT: Dunstan, Colin R.  
; TITLE OF INVENTION: Compositions and Methods for the Prevention or Treatment of Cancer  
; FILE REFERENCE: A-605  
; CURRENT APPLICATION NUMBER: US/10/948,053  
; PRIORITY APPLICATION NUMBER: CURRENT APPLICATION NUMBER: US/09/389,545  
; PRIORITY FILING DATE: CURRENT FILING DATE: 1999-09-03  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 5  
; LENGTH: 400  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-10-948-053-5

Query Match 43.1%; Score 173; DB 6; Length 400;  
Best Local Similarity 100.0%; Pred. No. 9e-169; Mismatches 0; Indels 0; Gaps 0;  
Matches 173; Conservative 0; MisMatches 0; DelS 0; InsertS 0;

QY 22 ETFPKYLHYDEETSHQLQCLDKCPGTYLKHQHCTAKWKTVCAPCPDHYTDSMHTSDCL 81  
1 ETFPKYLHYDEETSHQLQCLDKCPGTYLKHQHCTAKWKTVCAPCPDHYTDSMHTSDCL 60

QY 82 YCSPVCKELQYVKOBCCRNRTHNRCHECKEGRYLFECFLKHSRSCPFGFVQAGTPERNV 141  
61 YCSPVCKELQYVKOBCCRNRTHNRCHECKEGRYLFECFLKHSRSCPFGFVQAGTPERNV 120

Db 142 CKRPDGFSNETSSKAPRKHNTCSVFGILLTOKGNATHDNICSGNSBTSOK 194  
121 CKRPDGFSNETSSKAPRKHNTCSVFGILLTOKGNATHDNICSGNSBTSOK 173

RESULT 8  
US-10-948-053-8  
; Sequence 8, Application US/10948053  
; Publication No. US20060019887A1  
; GENERAL INFORMATION:  
; APPLICANT: Dunstan, Colin R.  
; TITLE OF INVENTION: Compositions and Methods for the Prevention or Treatment of Cancer  
; FILE REFERENCE: A-605  
; CURRENT APPLICATION NUMBER: US/10/948,053  
; CURRENT FILING DATE: 2004-09-22  
; PRIORITY APPLICATION NUMBER: CURRENT APPLICATION NUMBER: US/09/389,545  
; PRIORITY FILING DATE: CURRENT FILING DATE: 1999-09-03  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 8  
; LENGTH: 401  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-10-948-053-8

Query Match 43.1%; Score 173; DB 6; Length 401;  
Best Local Similarity 100.0%; Pred. No. 9e-169; Mismatches 0; Indels 0; Gaps 0;  
Matches 173; Conservative 0; MisMatches 0; DelS 0; InsertS 0;

QY 22 ETFPKYLHYDEETSHQLQCLDKCPGTYLKHQHCTAKWKTVCAPCPDHYTDSMHTSDCL 81  
1 ETFPKYLHYDEETSHQLQCLDKCPGTYLKHQHCTAKWKTVCAPCPDHYTDSMHTSDCL 60

QY 82 YCSPVCKELQYVKOBCCRNRTHNRCHECKEGRYLFECFLKHSRSCPFGFVQAGTPERNV 141  
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Db 142 CKRPDGFSNETSSKAPRKHNTCSVFGILLTOKGNATHDNICSGNSBTSOK 194  
121 CKRPDGFSNETSSKAPRKHNTCSVFGILLTOKGNATHDNICSGNSBTSOK 173

QY 142 CKRCPDGFPSNETSSKAPCRKHNCVFGILLTOKGNATHDNICSGNSESTQK 194  
Db 349 CKRCPDGFPSNETSSKAPCRKHNCVFGILLTOKGNATHDNICSGNSESTQK 401

RESULT 9 US-10-948-053-7

; Sequence 7, Application US/10948053  
; Publication No. US20060019887A1

; GENERAL INFORMATION:

; APPLICANT: Dunstan, Colin R.

; TITLE OF INVENTION: Compositions and Methods for the Prevention or Treatment of Cancer

; FILE REFERENCE: A-605

; CURRENT APPLICATION NUMBER: US/10/948, 053

; PRIORITY FILING DATE: 2004-09-22

; CURRENT APPLICATION NUMBER: CURRENT APPLICATION NUMBER: US/09/389, 545

; PRIORITY FILING DATE: CURRENT FILING DATE: 1999-09-03

; NUMBER OF SEQ ID NOS: 15

; SOFTWARE: Patentin version 3.1

; SEQ ID NO: 7

; LENGTH: 404

; TYPE: PRT

; ORGANISM: Homo sapiens

US-10-948-053-7

Query Match Best Local Similarity 43.1%; Score 173; DB 6; Length 404; Matches 173; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 22 ETFRPKVLYBETSHOLCLCKCPPTGTYLQKHTAKWKTVCAPCDPHYTDSWHTSDECL 81

Db 1 ETFRPKVLYBETSHOLCLCKCPPTGTYLQKHTAKWKTVCAPCDPHYTDSWHTSDECL 60

QY 82 YCSPVCKELQYVQKOBGNRTHNRCVCEKEGRYLEIEFCLKHRSCPPGFGVVAQGPERNIV 141

Db 61 YCSPVCKELQYVQKOBGNRTHNRCVCEKEGRYLEIEFCLKHRSCPPGFGVVAQGPERNIV 120

QY 142 CKRCPDGFPSNETSSKAPCRKHNCVFGILLTOKGNATHDNICSGNSESTQK 194

Db 121 CKRCPDGFPSNETSSKAPCRKHNCVFGILLTOKGNATHDNICSGNSESTQK 173

RESULT 10 US-10-948-053-3

; Sequence 3, Application US/10948053  
; Publication No. US20060019887A1

; GENERAL INFORMATION:

; APPLICANT: Dunstan, Colin R.

; TITLE OF INVENTION: Compositions and Methods for the Prevention or Treatment of Cancer

; FILE REFERENCE: A-605

; CURRENT APPLICATION NUMBER: US/10/948, 053

; CURRENT FILING DATE: 2004-09-22

; PRIORITY FILING DATE: CURRENT APPLICATION NUMBER: US/09/389, 545

; NUMBER OF SEQ ID NOS: 15

; SOFTWARE: Patentin version 3.1

; SEQ ID NO: 3

; LENGTH: 407

; TYPE: PRT

; ORGANISM: Homo sapiens

US-10-948-053-3

Query Match Best Local Similarity 100.0%; Score 173; DB 6; Length 407; Matches 173; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 146 PDGFFSNETSSKAPCRKHNCVFGILLTOKGNATHDNICS 186

Db 121 PDGFFSNETSSKAPCRKHNCVFGILLTOKGNATHDNICS 161

RESULT 12 US-11-042-814-8

; Sequence 8, Application US/11042814  
; Publication No. US20060024267A1

; GENERAL INFORMATION:

; APPLICANT: Jing, Shuguian

; APPLICANT: Welch, Andrew A

; APPLICANT: Bodenheimer, Michael J

; APPLICANT: Shu Junyan

; APPLICANT: Gary M. Fox

; TITLE OF INVENTION: TNFR/OPG-LIKE MOLECULES AND USES THEREOF

; FILE REFERENCE: 01017336854

; CURRENT APPLICATION NUMBER: US/11/042, 814

; CURRENT FILING DATE: 2005-01-25

; PRIORITY FILING DATE: 2002-05-15

; PRIORITY APPLICATION NUMBER: US/09/724, 037

; PRIORITY FILING DATE: 2000-11-28

; NUMBER OF SEQ ID NOS: 28

; SOFTWARE: Patentin Ver. 2.0

; SEQ ID NO: 8

; LENGTH: 120

; TYPE: PRT

; ORGANISM: Homo sapiens

US-10-948-053-3

Query Match Best Local Similarity 43.1%; Score 173; DB 6; Length 407; Matches 173; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 22 ETFRPKVLYBETSHOLCLCKCPPTGTYLQKHTAKWKTVCAPCDPHYTDSWHTSDECL 81

Db 1 ETFRPKVLYBETSHOLCLCKCPPTGTYLQKHTAKWKTVCAPCDPHYTDSWHTSDECL 60

QY 82 YCSPVCKELQYVQKOBGNRTHNRCVCEKEGRYLEIEFCLKHRSCPPGFGVVAQGPERNIV 141

US-11-042-814-8

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Best Local Similarity 100.0%; Pred. No. 3.6e-115; Mismatches 0; Indels 0; Gaps 0;  
Matches 120; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

Qy 97 CNRTHNRCCKEGRYLIRPCLKRSCPPGFWVQAGTFRERNTVCKRCDDGFFSNETSS 156  
Db 1 CNRTHNRCCKEGRYLIRPCLKRSCPPGFWVQAGTFRERNTVCKRCDDGFFSNETSS 60

Qy 157 KAPCRKHTNSVFGIILITOKGNATHDNICGSNSESTOKCGIDVTLCERAFPRRAVPTKEF 216  
Db 61 KAPCRKHTNSVFGIILITOKGNATHDNICGSNSESTOKCGIDVTLCERAFPRRAVPTKEF 120

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Job time : 19 secs

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OM protein - protein search, using sw model

Run on: February 8, 2006, 14:53:38 ; Search time 49 Seconds

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Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Maximum Match 0%

Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	2200	100.0	401	2	US-09-153-927-1
2	2000	100.0	401	2	US-09-153-927-1
3	2195	99.8	401	2	US-10-232-858-5
4	2195	99.8	401	2	US-09-338-063A-5
5	2192	99.6	401	2	US-09-042-185A-12
6	2192	99.6	401	2	US-08-795-45A-6
7	2192	99.6	401	2	US-08-795-45A-6
8	2192	99.6	401	2	US-08-974-186-6
9	2192	99.6	401	2	US-08-795-46B-6
10	2192	99.6	401	2	US-08-795-46D-128
11	2192	99.6	401	2	US-08-577-788C-6
12	2192	99.6	401	2	US-08-577-788C-6
13	2192	99.6	401	2	US-08-577-788C-6
14	2192	99.6	401	2	US-08-577-788C-6
15	2185	99.3	401	2	US-10-232-858-62
16	2185	99.3	401	2	US-10-232-858-63
17	2185	99.3	401	2	US-10-232-858-64
18	2185	99.3	401	2	US-10-232-858-65
19	2185	99.3	401	2	US-10-232-858-66
20	2185	99.3	401	2	US-10-232-858-67
21	2185	99.3	401	2	US-09-338-063A-63
22	2185	99.3	401	2	US-09-338-063A-64
23	2185	99.3	401	2	US-09-338-063A-65
24	2185	99.3	401	2	US-09-338-063A-66
25	2182	99.2	399	2	US-10-232-858-73
26	2182	99.2	399	2	US-09-338-063A-73
27	2149	97.7	393	2	US-09-338-063A-79

Result No.	Score	Query Match	Length	DB ID	Description
1	2149	97.7	393	2	US-09-338-063A-79
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31	2146	97.5	391	2	US-10-232-858-106
32	2146	97.5	391	2	US-09-338-063A-106
33	2087	94.9	380	2	US-10-232-858-4
34	2087	94.9	380	2	US-09-338-063A-4
35	1977.5	89.9	362	2	US-10-232-858-11
36	1977	89.9	362	2	US-09-338-063A-11
37	1976	89.8	364	2	US-08-706-945D-142
38	1950	88.6	363	2	US-10-232-858-69
39	1950	88.6	363	2	US-09-338-063A-69
40	1938	88.1	351	2	US-10-232-858-74
41	1938	88.1	351	2	US-09-338-063A-74
42	1927	87.6	359	2	US-10-232-858-70
43	1927	87.6	359	2	US-09-338-063A-70
44	1918.5	87.2	360	2	US-10-232-858-67
45	1918.5	87.2	360	2	US-09-338-063A-67

#### ALIGNMENTS

RESULT 1  
US-09-153-927-1

Sequence 1, Application US/09153927A  
; Patent No. 6297022

; GENERAL INFORMATION:  
; APPLICANT: McDowell, Peter C.  
; APPLICANT: Young, Peter R.  
; APPLICANT: Zou, Jun

; TITLE OF INVENTION: A Method of Identifying Agonists and Title of Invention: Antagonists for Tumor Necrosis Related Receptors TR1, TR5

; FILE REFERENCE: GH50031  
; CURRENT APPLICATION NUMBER: US/09/153, 927A

; CURRENT FILING DATE: 1998-09-16  
; EARLIER APPLICATION NUMBER: 60/061, 334

; EARLIER FILING DATE: 1997-10-08  
; NUMBER OF SEQ ID NOS: 11

; SOFTWARE: FastSEQ for Windows Version 3.0  
; SEQ ID NO: 1  
; LENGTH: 401  
; TYPE: PRT  
; ORGANISM: Human  
; US-09-153-927-1

Query Match 100.0%; Score 2200; DB 2; Length 401;  
Best Local Similarity 100.0%; Pred. No. 5; 7e-193;  
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNKLUCCALVFLDISKWT... . . . . . OYLQVQKCECRTHNRVCECKGRYLRIFCILK 60

Db 1 MNKLUCCALVFLDISKWT... . . . . . OYLQVQKCECRTHNRVCECKGRYLRIFCILK 60

61 VCAPCPDHYYTDSWHTSDRCLVYCPVCKELQVYKOBNCNHRNRYVCCKEGRYLRIFCILK 120

61 VCAPCPDHYYTDSWHTSDRCLVYCPVCKELQVYKOBNCNHRNRYVCCKEGRYLRIFCILK 120

121 HRSPPRGPGGVQACTPPTVCKRPGDERSNETSSKACRKHINCSVGLIITQKGNT 180

121 HRSPPRGPGGVQACTPPTVCKRPGDERSNETSSKACRKHINCSVGLIITQKGNT 180

241 KROHSQOBTPOLKKWKHKODDIVKCTIQDLCENSIVRHTFOLRSIME 300

241 KROHSQOBTPOLKKWKHKODDIVKCTIQDLCENSIVRHTFOLRSIME 300

301 SLPKKGWGEDIRKIAKPSDQILKULSLWRKNGDPTLKLMLHAKSHYRPT 360

Sequence 79, Appl  
Sequence 9, Appl  
Sequence 11, Appl  
Sequence 106, Appl  
Sequence 106, Appl  
Sequence 4, Appl  
Sequence 11, Appl  
Sequence 11, Appl  
Sequence 142, Appl  
Sequence 69, Appl  
Sequence 69, Appl  
Sequence 69, Appl  
Sequence 74, Appl  
Sequence 74, Appl  
Sequence 70, Appl  
Sequence 70, Appl  
Sequence 67, Appl  
Sequence 67, Appl

RESULT 2  
US-09-072-993C-1  
; Sequence 1 Application US/09072993C  
; Patent No. 6346588  
; GENERAL INFORMATION:  
; APPLICANT: Michael R. Brigham-Burke  
; APPLICANT: Peter R. Young  
; TITLE OF INVENTION: ANTAGONISTS FOR TUMOR NECROSIS RELATED RECEPTORS TR1 AND TR2  
; FILE REFERENCE: GH-50030  
; CURRENT APPLICATION NUMBER: US/09/072,993C  
; CURRENT FILING DATE: 1998-05-06  
; PRIORITY NUMBER: 60/055,513  
; PRIORITY FILING DATE: 1997-08-13  
; PRIORITY APPLICATION NUMBER: 60/056,980  
; PRIORITY FILING DATE: 1997-08-26  
; PRIORITY APPLICATION NUMBER: 60/057,550  
; PRIORITY FILING DATE: 1997-08-29  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: FASTSEQ for Windows Version 3.0  
; SEQ ID NO 1  
; LENGTH: 401  
; TYPE: PRT  
; ORGANISM: HOMO SAPIENS  
; US-09-072-993C-1

Query Match 100.0% Score 2200; DB 2; Length 401;  
Best Local Similarity 100.0%; Pred. No. 5..7e-193; Mismatches 0; Indels 0; Gaps 0;  
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNKLUCCALVFDISKWTTQETPPKYLHYDEBTSHQLCDKCPGTYLKHCTAKWT 60  
Db 1 MNKLUCCALVFDISKWTTQETPPKYLHYDEBTSHQLCDKCPGTYLKHCTAKWT 60  
QY 61 VCARCPDHYTDSWTSDECCLYCSPVCKEIQYQVKCBNTRHNRVOCECKEGRYLEIEFCLK 120  
Db 61 VCARCPDHYTDSWTSDECCLYCSPVCKEIQYQVKCBNTRHNRVOCECKEGRYLEIEFCLK 120  
QY 121 HRSCPYPGVVOAGTPERNTVCKCPGFSNETSSKAPCRKHTNCVFGLLITQENAT 180  
Db 121 HRSCPYPGVVOAGTPERNTVCKCPGFSNETSSKAPCRKHTNCVFGLLITQENAT 180  
QY 181 HDNICSNSESTOKCGIDVTLCEBAFPFRAVFTKPTNWLSVLVDNLPGTKYNAESVERI 240  
Db 181 HDNICSNSESTOKCGIDVTLCEBAFPFRAVFTKPTNWLSVLVDNLPGTKYNAESVERI 240  
QY 241 KROHSBQTFOLKJMKHQNDQTKIIQDIDCENSVRHIGHLTEPQLSIME 300  
Db 241 KROHSBQTFOLKJMKHQNDQTKIIQDIDCENSVRHIGHLTEPQLSIME 300  
QY 301 SLPGKVGADIEKTICKACKPSDQILKLSWRKNGDDTLGIMHALHKHSKYHFKT 360  
Db 301 SLPGKVGADIEKTICKACKPSDQILKLSWRKNGDDTLGIMHALHKHSKYHFKT 360  
QY 361 VTOSIJKTIRFLHSFTMYKLYQKLFLEMIGNQVOSVKISCL 401  
Db 361 VTOSIJKTIRFLHSFTMYKLYQKLFLEMIGNQVOSVKISCL 401

RESULT 3  
US-10-232-858-5  
; Sequence 5 Application US/10232858  
; Patent No. 6855608  
; GENERAL INFORMATION:  
; APPLICANT: GOTO, Masaaki  
; APPLICANT: TSUDA, Eisuke  
; APPLICANT: MORINAGA, Tomonori  
; APPLICANT: YANO, Kazuki  
; APPLICANT: KOBAYASHI, Fumie  
; APPLICANT: SHIMA, No. 691934uyuki  
; APPLICANT: YASUDA, Hirotaka  
; APPLICANT: NAKAGAWA, No. 6319434uaki  
; APPLICANT: UEDA, Mabatugu

RESULT 4  
US-09-338-063A-5  
; Sequence 5 Application US/09338063A  
; Patent No. 691934  
; GENERAL INFORMATION:  
; APPLICANT: GOTO, Masaaki  
; APPLICANT: TSUDA, Eisuke  
; APPLICANT: MORINAGA, Tomonori  
; APPLICANT: YANO, Kazuki  
; APPLICANT: KOBAYASHI, Fumie  
; APPLICANT: SHIMA, No. 691934uyuki  
; APPLICANT: YASUDA, Hirotaka  
; APPLICANT: NAKAGAWA, No. 6319434uaki  
; APPLICANT: UEDA, Mabatugu

APPLICANT: HIGASHIO, KANJI  
 TITLE OF INVENTION: Monoclonal Antibodies that Bind OCIF  
 FILE REFERENCE: 16991\_005  
 CURRENT APPLICATION NUMBER: US/09/338, 063A  
 CURRENT FILING DATE: 1999-06-23  
 PRIOR APPLICATION NUMBER: US 08/915, 004  
 PRIOR FILING DATE: 1997-08-20  
 PRIOR APPLICATION NUMBER: PCT/JP96/00374  
 PRIOR FILING DATE: 1996-02-20  
 PRIOR APPLICATION NUMBER: JP 207508/1995  
 PRIOR FILING DATE: 1995-07-21  
 PRIOR PILING DATE: 1995-02-20  
 NUMBER OF SEQ ID NOS: 108  
 SOFTWARE: PatentIn version 3.1  
 SEQ ID NO 5  
 LENGTH: 401  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 US-09-338-063A-5

Query Match Similarity 99.8%; Score 2195; DB 2; Length 401;  
 Best Local Similarity 99.8%; Pred. No. 1.6e-192; Matches 400; Conservative 0; Mismatches 0; Indels 1; Gaps 0;

Oy 1 MNKLUCCALVFLDISIKWTTQETFPKYLYHDETSHQLCDKCPGTYIKQHCTAKWT 60  
 Db 1 MNKLUCCALVFLDISIKWTTQETFPKYLYHDETSHQLCDKCPGTYIKQHCTAKWT 60  
 Qy 61 VCAPCPDHYTDMSWHSDECILYCSFVCKELQIVYKOBCNRTHNRYCECKEGRYLEIEFCLK 120  
 Db 61 VCAPCPDHYTDMSWHSDECILYCSFVCKELQIVYKOBCNRTHNRYCECKEGRYLEIEFCLK 120  
 Qy 121 HRSCPFPFGWVQAGTPERNVCKRCPDGFSNETSSKAPCRKHTNSVFGILLTGKAT 180  
 Db 121 HRSCPFPFGWVQAGTPERNVCKRCPDGFSNETSSKAPCRKHTNSVFGILLTGKAT 180  
 Qy 121 HRSCPFPFGWVQAGTPERNVCKRCPDGFSNETSSKAPCRKHTNSVFGILLTGKAT 180  
 Db 121 HRSCPFPFGWVQAGTPERNVCKRCPDGFSNETSSKAPCRKHTNSVFGILLTGKAT 180  
 Qy 181 HDNLCGGNSNSTOKCGIDVTCERAFFPAPVTKETPNWISVLDNLPGTKVNAESVERI 240  
 Db 181 HDNLCGGNSNSTOKCGIDVTCERAFFPAPVTKETPNWISVLDNLPGTKVNAESVERI 240  
 Qy 241 KROHSSEQEQFOLKKLWHKONKDQDVKKI1ODIDCENSVORHIGHANTFEOLSLME 300  
 Db 241 KROHSSEQEQFOLKKLWHKONKDQDVKKI1ODIDCENSVORHIGHANTFEOLSLME 300  
 Qy 301 SLPGKKGVADEIKTAKCPSDQIQLKLISLWRKINGDQDTLGMLHALKHSKTYHFKT 360  
 Db 301 SLPGKKGVADEIKTAKCPSDQIQLKLISLWRKINGDQDTLGMLHALKHSKTYHFKT 360  
 Qy 361 VTQSIIKTRPLHSPTMYKLYQKPLEMIGNQVOSVKISCL 401  
 Db 361 VTQSIIKTRPLHSPTMYKLYQKPLEMIGNQVOSVKISCL 401  
 RESULT 5  
 US-08-914-022-6

Sequence 6, Application US/08974022  
 Patent No. 6015938

GENERAL INFORMATION:  
 APPLICANT: Boyle, William J.  
 APPLICANT: Lacey, David L.  
 APPLICANT: Calzone, Frank J.  
 TITLE OF INVENTION: OSTROPROTEGERIN  
 NUMBER OF SEQUENCES: 53  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Amgen Inc.  
 STREET: 1840 Delaviland Drive  
 CITY: Thousand Oaks  
 STATE: California  
 COUNTRY: USA  
 ZIP: 91320-1789

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/974, 022  
 FILING DATE: 12-DEC-1995  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/577, 788  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Winter, Robert B.  
 REFERENCE/DOCKET NUMBER: A-378  
 INFORMATION FOR SEQ ID NO: 6:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 401 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-974-022-6

Query Match Similarity 99.6%; Score 2192; DB 2; Length 401;  
 Best Local Similarity 99.6%; Pred. No. 3.1e-192; Matches 400; Conservative 0; Mismatches 0; Indels 1; Gaps 0;

Oy 1 MNKLUCCALVFLDISIKWTTQETFPKYLYHDETSHQLCDKCPGTYIKQHCTAKWT 60  
 Db 1 MNKLUCCALVFLDISIKWTTQETFPKYLYHDETSHQLCDKCPGTYIKQHCTAKWT 60  
 Qy 61 VCAPCPDHYTDMSWHSDECILYCSFVCKELQIVYKOBCNRTHNRYCECKEGRYLEIEFCLK 120  
 Db 61 VCAPCPDHYTDMSWHSDECILYCSFVCKELQIVYKOBCNRTHNRYCECKEGRYLEIEFCLK 120  
 Qy 121 HRSCPFPFGWVQAGTPERNVCKRCPDGFSNETSSKAPCRKHTNSVFGILLTGKAT 180  
 Db 121 HRSCPFPFGWVQAGTPERNVCKRCPDGFSNETSSKAPCRKHTNSVFGILLTGKAT 180  
 Qy 181 HDNLCGGNSNSTOKCGIDVTCERAFFPAPVTKETPNWISVLDNLPGTKVNAESVERI 240  
 Db 181 HDNLCGGNSNSTOKCGIDVTCERAFFPAPVTKETPNWISVLDNLPGTKVNAESVERI 240  
 Qy 241 KROHSSEQEQFOLKKLWHKONKDQDVKKI1ODIDCENSVORHIGHANTFEOLSLME 300  
 Db 241 KROHSSEQEQFOLKKLWHKONKDQDVKKI1ODIDCENSVORHIGHANTFEOLSLME 300  
 Qy 301 SLPGKKGVADEIKTAKCPSDQIQLKLISLWRKINGDQDTLGMLHALKHSKTYHFKT 360  
 Db 301 SLPGKKGVADEIKTAKCPSDQIQLKLISLWRKINGDQDTLGMLHALKHSKTYHFKT 360  
 Qy 361 VTQSIIKTRPLHSPTMYKLYQKPLEMIGNQVOSVKISCL 401  
 Db 361 VTQSIIKTRPLHSPTMYKLYQKPLEMIGNQVOSVKISCL 401

RESULT 6  
 US-09-042-785A-12  
 Sequence 12, Application US/09042785A  
 Patent No. 6194151

GENERAL INFORMATION:  
 APPLICANT: Burfield, Samantha J.  
 TITLE OF INVENTION: NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY  
 NUMBER OF SEQUENCES: 31  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: LAHIVE & COCKFIELD, LLP  
 STREET: 28 State Street  
 CITY: Boston  
 STATE: Massachusetts  
 COUNTRY: USA  
 ZIP: 02109  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 FILING DATE: 17-MAR-1998  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/938, 896  
 FILING DATE: 26-SEP-1997  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Mandragouras, Amy E  
 REGISTRATION NUMBER: 36-2007

REFERENCE/DOCKET NUMBER: MEI-001CP  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (617) 227-7400  
 TELEFAX: (617) 774-4214

ATTORNEY/AGENT INFORMATION:  
 INFORMATION FOR SEQ ID NO: 12:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 401 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 FRAGMENT TYPE: internal  
 US-09-042-785A-12

Query Match 99.6%; Score 2192; DB 2; Length 401;

Best Local Similarity 99.8%; Pred. No. 3.1e-192;  
 Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MNKLLC CALVFLDISKIKWTOEPTRPKVLYHYBETSHOLICDKCPPGTYLKOHTAKWT 60  
 Db 1 MNKLLC CALVFLDISKIKWTOEPTRPKVLYHYBETSHOLICDKCPPGTYLKOHTAKWT 60  
 Qy 61 VCA CDPDHYTDSWHTSDCLYCSPVCKELQVYKQECNRTHRVCECKEGRYVIECLK 120  
 Db 61 VCA CDPDHYTDSWHTSDCLYCSPVCKELQVYKQECNRTHRVCECKEGRYVIECLK 120  
 Qy 121 HRSCPPGFGVWQAGTPERNVCKRCPDGFPSNETSSAKPCKRHTNCVFGLLITOKGNAT 180  
 Db 121 HRSCPPGFGVWQAGTPERNVCKRCPDGFPSNETSSAKPCKRHTNCVFGLLITOKGNAT 180  
 Qy 181 HDN ICSGNESTSTOKCGIDVTLCEBAFFRAVPTKPTPWNLVLDNLPGTKVNAESTERI 240  
 Db 181 HDN ICSGNESTSTOKCGIDVTLCEBAFFRAVPTKPTPWNLVLDNLPGTKVNAESTERI 240  
 Qy 241 KROHSSQQTFOQLKWKHQNKODIVKCIQDLCENSVQRHIGANLTPEQLRSIME 300  
 Db 241 KROHSSQQTFOQLKWKHQNKODIVKCIQDLCENSVQRHIGANLTPEQLRSIME 300  
 Qy 301 SLPGKKVGADEIETTIKACKPSDQIQLKULSLWRKINGDQDTKLGHMALKHSKYHFKT 360  
 Db 301 SLPGKKVGADEIETTIKACKPSDQIQLKULSLWRKINGDQDTKLGHMALKHSKYHFKT 360  
 Qy 361 VTOSLKKTIRFLHSPTMVKLYQKLFLEMIGNQVOSVKISCL 401  
 Db 361 VTOSLKKTIRFLHSPTMVKLYQKLFLEMIGNQVOSVKISCL 401

US-08-795-445A-6

Query Match 99.6%; Score 2192; DB 2; Length 401;

Best Local Similarity 99.8%; Pred. No. 3.1e-192;  
 Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MNKLLC CALVFLDISKIKWTOEPTRPKVLYHYBETSHOLICDKCPPGTYLKOHTAKWT 60  
 Db 1 MNKLLC CALVFLDISKIKWTOEPTRPKVLYHYBETSHOLICDKCPPGTYLKOHTAKWT 60  
 Qy 61 VCA CDPDHYTDSWHTSDCLYCSPVCKELQVYKQECNRTHRVCECKEGRYVIECLK 120  
 Db 61 VCA CDPDHYTDSWHTSDCLYCSPVCKELQVYKQECNRTHRVCECKEGRYVIECLK 120  
 Qy 121 HRSCPPGFGVWQAGTPERNVCKRCPDGFPSNETSSAKPCKRHTNCVFGLLITOKGNAT 180  
 Db 121 HRSCPPGFGVWQAGTPERNVCKRCPDGFPSNETSSAKPCKRHTNCVFGLLITOKGNAT 180  
 Qy 181 HDN ICSGNESTSTOKCGIDVTLCEBAFFRAVPTKPTPWNLVLDNLPGTKVNAESTERI 240  
 Db 181 HDN ICSGNESTSTOKCGIDVTLCEBAFFRAVPTKPTPWNLVLDNLPGTKVNAESTERI 240  
 Qy 241 KROHSSQQTFOQLKWKHQNKODIVKCIQDLCENSVQRHIGANLTPEQLRSIME 300  
 Db 241 KROHSSQQTFOQLKWKHQNKODIVKCIQDLCENSVQRHIGANLTPEQLRSIME 300  
 Qy 301 SLPGKKVGADEIETTIKACKPSDQIQLKULSLWRKINGDQDTKLGHMALKHSKYHFKT 360  
 Db 301 SLPGKKVGADEIETTIKACKPSDQIQLKULSLWRKINGDQDTKLGHMALKHSKYHFKT 360  
 Qy 361 VTOSLKKTIRFLHSPTMVKLYQKLFLEMIGNQVOSVKISCL 401  
 Db 361 VTOSLKKTIRFLHSPTMVKLYQKLFLEMIGNQVOSVKISCL 401

RESULT 7  
 US-08-795-445A-6

Sequence 6, Application US/08795445A  
 Patent No. 628485

GENERAL INFORMATION:  
 APPLICANT: Boyle, William J.

APPLICANT: Lacey, David L.  
 APPLICANT: Calzone, Frank J.

APPLICANT: Chang, Ming-Shi  
 TITLE OF INVENTION: OSTEOPROTEGERIN  
 NUMBER OF SEQUENCES: 53  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Amgen Inc.  
 STREET: 1840 Delavilland Drive  
 CITY: Thousand Oaks

RESULT 8  
 US-08-795-447A-6

Sequence 6, Application US/08795447A  
 Patent No. 6284728

GENERAL INFORMATION:  
 APPLICANT: Boyle, William J.

APPLICANT: Lacey, David L.  
 APPLICANT: Calzone, Frank J.

APPLICANT: Chang, Ming-shi  
 TITLE OF INVENTION: Osteoprotectorin  
 NUMBER OF SEQUENCES: 53  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Amgen Inc.  
 STREET: One Amgen Center Drive

STATE: California

COUNTRY: USA

ZIP: 91320-189

COMPUTER READABLE FORM:

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-Dos/MS-Dos

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/795, 445A

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/577, 788

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Winter, Robert B.

REFERENCE/DOCKET NUMBER: A-378

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 401 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

CITY: Thousand Oaks  
 STATE: California  
 COUNTRY: USA  
 ZIP: 91320-1789

COMPUTER READABLE FORM:  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/795,447A  
 FILING DATE:  
 CLASSIFICATION: 514  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Winter, Robert B.  
 REFERENCE/DOCKET NUMBER: A-378D2  
 INFORMATION FOR SEQ ID NO: 6:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 401 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-795-447A-6

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Query Match 99.6%; Score 2192; DB 2; Length 401;  
 Best Local Similarity 99.8%; Pred. No. 3.1e-192; Mismatches 1; Indels 0; Gaps 0;  
 Matches 400; Conservative 0; MisMatches 1; Indels 0; Gaps 0;

Qy 1 MNKLUCCALVFLDISKIKWTTQETTPPKYLYDEETSQHQLLCKCPGTYKHKCTAKWKT 60  
 Db 1 MNKLUCCALVFLDISKIKWTTQETTPPKYLYDEETSQHQLLCKCPGTYKHKCTAKWKT 60  
 Qy 61 VCAPCPDHYTDSWMTSDECILYSPVCKELQYVKOBCNRHTNRVCECKESRYLEFCLK 120  
 Db 61 VCAPCPDHYTDSWMTSDECILYSPVCKELQYVKOBCNRHTNRVCECKESRYLEFCLK 120  
 Qy 121 HRSCPFPGVVOAGTPERNTVCKRCPDGFSNESSKAPCRKHTNSVFGILLTOKGNAT 180  
 Db 121 HRSCPFPGVVOAGTPERNTVCKRCPDGFSNESSKAPCRKHTNSVFGILLTOKGNAT 180  
 Qy 181 HDNLCGSNSTSTOKCGIDVTLCEEARFPRAVPTKETPNNLSVULVNLPGTKNASVERI 240  
 Db 181 HDNLCGSNSTSTOKCGIDVTLCEEARFPRAVPTKETPNNLSVULVNLPGTKNASVERI 240  
 Qy 241 KROHSSEQEQTFOULKWKHGKNDQDVKKI1QDIDCENSVORHGHANLTPEOURLME 300  
 Db 241 KROHSSEQEQTFOULKWKHGKNDQDVKKI1QDIDCENSVORHGHANLTPEOURLME 300  
 Qy 301 SLPGKKGVGADEIEKTIKACKPSDQILKLISLWRKNGDQDTLKGMLHALKHKSCTYHFKT 360  
 Db 301 SLPGKKGVGADEIEKTIKACKPSDQILKLISLWRKNGDQDTLKGMLHALKHKSCTYHFKT 360  
 Qy 361 VTQSIIKTTIRFLHSFTMYKLYQKLFLEMIGNQVOSVKISCL 401  
 Db 361 VTQSIIKTTIRFLHSFTMYKLYQKLFLEMIGNQVOSVKISCL 401

---

RESULT 9  
 US-08-974-186-6  
 Sequence 6, Application US/08974186  
 Patent No. 6284740

GENERAL INFORMATION:  
 APPLICANT: Boyle, William J.  
 APPLICANT: Lacey, David L.  
 APPLICANT: Calzone, Frank J.  
 APPLICANT: Chang, Ming-Shi  
 TITL OF INVENTION: OSTEOPROTEGERIN  
 NUMBER OF SEQUENCES: 53  
 CORRESPONDENCE ADDRESS:  
 ADDRESSE: Amgen Inc.  
 STREET: 1840 Dehavenland Drive  
 CITY: Thousand Oaks  
 STATE: California

---

RESULT 10  
 US-08-795-446B-5  
 Sequence 6, Application US/08795446B  
 Patent No. 6288032

GENERAL INFORMATION:  
 APPLICANT: Boyle, William J.  
 APPLICANT: Lacey, David L.  
 APPLICANT: Calzone, Frank J.  
 APPLICANT: Chang, Ming-Shi  
 TITL OF INVENTION: OSTEOPROTEGERIN  
 NUMBER OF SEQUENCES: 53  
 CORRESPONDENCE ADDRESS:  
 ADDRESSE: Amgen Inc.  
 STREET: 1840 Dehavenland Drive  
 CITY: Thousand Oaks

STATE: California ;  
 COUNTRY: USA ;  
 ZIP: 91330-1789 ;  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/795,446B  
 FILING DATE:  
 CLASSIFICATION:  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 08/577,788  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Winter, Robert B.  
 INFORMATION FOR SEQ ID NO: 6  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 401 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-795-446B-6

Query Match 99.6%; Score 2192; DB 2; Length 401;  
 Best Local Similarity 99.8%; Pred. No. 3.1e-192;  
 Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MNKLLC CALVFLDISIKWTTQETPPPKLYHYDRETSHOLLCDKCPGTYLKQHCTAKWKT 60  
 1 MNKLLC CALVFLDISIKWTTQETPPPKLYHYDRETSHOLLCDKCPGTYLKQHCTAKWKT 60  
 QY 61 VCAPCPDHYTDSMHTSDCLYSPVCKELQYKQBCNRTNRVCBECKEGRYIEFCLK 120  
 61 VCAPCPDHYTDSMHTSDCLYSPVCKELQYKQBCNRTNRVCBECKEGRYIEFCLK 120  
 QY 121 HRSCCPPGFGWVQAGTPERNVTCKRCPDPGFSSNETSSKAPRKHTNCVFGLLITOKGNAT 180  
 61 VCAPCPDHYTDSMHTSDCLYSPVCKELQYKQBCNRTNRVCBECKEGRYIEFCLK 120  
 QY 121 HRSCCPPGFGWVQAGTPERNVTCKRCPDPGFSSNETSSKAPRKHTNCVFGLLITOKGNAT 180  
 Db 181 HDNITCSGNSESTOKCGIDVTLCEAFFFRAVPTKFTPNWLSVLDNTPGTKNASEVERI 240  
 181 HDNITCSGNSESTOKCGIDVTLCEAFFFRAVPTKFTPNWLSVLDNTPGTKNASEVERI 240  
 QY 241 KROHSSQBTQFOLKLWKHQNODIKTRKIIDIDLCENSVORHIGHLNTFQLRSIME 300  
 241 KROHSSQBTQFOLKLWKHQNODIKTRKIIDIDLCENSVORHIGHLNTFQLRSIME 300  
 QY 301 SLGKGKADEDEKTIKACKPSDQILKLSLIRKQNDQOPTKGLMALKHSKYHFPKT 360  
 301 SLGKGKADEDEKTIKACKPSDQILKLSLIRKQNDQOPTKGLMALKHSKYHFPKT 360  
 Db 361 VTOSLKKTIRPLASPTMVKYQKLFLEMIGNQVOSVKISCL 401  
 361 VTOSLKKTIRPLASPTMVKYQKLFLEMIGNQVOSVKISCL 401  
 QY 361 VTOSLKKTIRPLASPTMVKYQKLFLEMIGNQVOSVKISCL 401  
 Db 361 VTOSLKKTIRPLASPTMVKYQKLFLEMIGNQVOSVKISCL 401

RESULT 12 US-08-577-788C-6  
 ; Sequence 6, Application US/08577788C  
 ; Patent No. 6613544  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Boyle, William  
 ; APPLICANT: Lacey, David  
 ; APPLICANT: Calzone, Frank  
 ; APPLICANT: Chang, Ming-Shi  
 ; TITLE OF INVENTION: Osteoprotegerin  
 ; FILE REFERENCE: A-778CIP  
 ; CURRENT FILING DATE: 1995-12-22  
 ; CURRENT APPLICATION NUMBER: US/08/577,788C  
 ; NUMBER OF SEQ ID NOS: 58  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO: 6  
 ; LENGTH: 401  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-08-577-788C-6

Query Match 99.6%; Score 2192; DB 2; Length 401;  
 Best Local Similarity 99.8%; Pred. No. 3.1e-192;  
 Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MNKLLC CALVFLDISIKWTTQETPPPKLYHYDRETSHOLLCDKCPGTYLKQHCTAKWKT 60  
 1 MNKLLC CALVFLDISIKWTTQETPPPKLYHYDRETSHOLLCDKCPGTYLKQHCTAKWKT 60  
 QY 61 VCAPCPDHYTDSMHTSDCLYSPVCKELQYKQBCNRTNRVCBECKEGRYIEFCLK 120

Db 61 VCAPCPDPHYTDSWHTSDCELYCSPVCKELEYQVKBCNRTHNRYCECKEGYRLEIEFCLK 120  
 Qy 121 HRSCPPGPGFWAQTPERNTVCKRCPDGFPSNETSSKAPCRKHTNCVFGLLITQKGNA 180  
 Db 121 HRSCPPGPGFWAQTPERNTVCKRCPDGFPSNETSSKAPCRKHTNCVFGLLITQKGNA 180  
 Qy 181 HDNICSgnSESTOKCGIDYTLCEBAFPRAVPTKFTPWLSVLVDNLPGTKVNAESVERI 240  
 Db 181 HDNICSgnSESTOKCGIDYTLCEBAFPRAVPTKFTPWLSVLVDNLPGTKVNAESVERI 240  
 Qy 241 KROHSSQEQTFOLKLKHONKODIVCKIQTDLCENSVORHIGHANTPEQLRSLME 300  
 Db 241 KROHSSQEQTFOLKLKHONKODIVCKIQTDLCENSVORHIGHANTPEQLRSLME 300  
 Qy 301 SLPGKKGAGDEIKTIKACKPSDQILKLSWIRKNGDQDTKLGMHALKHSKTYHPKT 360  
 Db 301 SLPGKKGAGDEIKTIKACKPSDQILKLSWIRKNGDQDTKLGMHALKHSKTYHPKT 360  
 Qy 361 VTOSLKKTIRPLHSPTMVKYQKLFLEMIGNQVOSVKISCL 401  
 Db 361 VTOSLKKTIRPLHSPTMVKYQKLFLEMIGNQVOSVKISCL 401

**RESULT 13**  
 US-08-577-788C-56  
 ; Sequence 56, Application US/08577788C  
 ; Patent No. 6613544  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Boyle, William  
 ; APPLICANT: Lacey, David  
 ; APPLICANT: Calzone, Frank  
 ; APPLICANT: Chang, Ming-Shi  
 ; TITLE OF INVENTION: Osteoprotectorin  
 ; FILE REFERENCE: A-378 Rev  
 ; CURRENT APPLICATION NUMBER: US/08/577,788C  
 ; CURRENT FILING DATE: 1995-12-22  
 ; NUMBER OF SEQ ID NOS: 58  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 56  
 ; LENGTH: 401  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-08-577-788C-56

Query Match 99.6%; Score 2192; DB 2; Length 401;  
 Best Local Similarity 99.8%; Pred. No. 3.1e-192; Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 Qy 1 MNKULCCALWFUDISIKWTQEFPKPQKLYHYDEBTSHQLCDCOPPGTYLKQHCTAKWT 60  
 Db 1 MNKULCCALWFUDISIKWTQEFPKPQKLYHYDEBTSHQLCDCOPPGTYLKQHCTAKWT 60  
 Qy 61 VCAPCPDPHYTDSWHTSDCELYCSPVCKELEYQVKBCNRTHNRYCECKEGYRLEIEFCLK 120  
 Db 61 VCAPCPDPHYTDSWHTSDCELYCSPVCKELEYQVKBCNRTHNRYCECKEGYRLEIEFCLK 120  
 Qy 61 VCAPCPDPHYTDSWHTSDCELYCSPVCKELEYQVKBCNRTHNRYCECKEGYRLEIEFCLK 120  
 Db 61 VCAPCPDPHYTDSWHTSDCELYCSPVCKELEYQVKBCNRTHNRYCECKEGYRLEIEFCLK 120  
 Qy 121 HRSCPPGPGFWAQTPERNTVCKRCPDGFPSNETSSKAPCRKHTNCVFGLLITQKGNA 180  
 Db 121 HRSCPPGPGFWAQTPERNTVCKRCPDGFPSNETSSKAPCRKHTNCVFGLLITQKGNA 180  
 Qy 181 HDNICSgnSESTOKCGIDYTLCEBAFPRAVPTKFTPWLSVLVDNLPGTKVNAESVERI 240  
 Db 181 HDNICSgnSESTOKCGIDYTLCEBAFPRAVPTKFTPWLSVLVDNLPGTKVNAESVERI 240  
 Qy 241 KROHSSQEQTFOLKLKHONKODIVCKIQTDLCENSVORHIGHANTPEQLRSLME 300  
 Db 241 KROHSSQEQTFOLKLKHONKODIVCKIQTDLCENSVORHIGHANTPEQLRSLME 300  
 Qy 301 SLPGKKGAGDEIKTIKACKPSDQILKLSWIRKNGDQDTKLGMHALKHSKTYHPKT 360  
 Db 301 SLPGKKGAGDEIKTIKACKPSDQILKLSWIRKNGDQDTKLGMHALKHSKTYHPKT 360  
 Qy 361 VTOSLKKTIRPLHSPTMVKYQKLFLEMIGNQVOSVKISCL 401  
 Db 361 VTOSLKKTIRPLHSPTMVKYQKLFLEMIGNQVOSVKISCL 401

**RESULT 14**  
 US-09-064-832-2  
 ; Sequence 2, Application US/09064832  
 ; Patent No. 6790823  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Simonet, Scott  
 ; APPLICANT: Sarosi, Lidio  
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE PREVENTION AND TREATMENT OF CARDIOVASCULAR DISEASES  
 ; NUMBER OF SEQUENCES: 2  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Amgen Inc.  
 ; STREET: One Amgen Center Drive  
 ; CITY: Thousand Oaks  
 ; STATE: California  
 ; COUNTY: USA  
 ; ZIP: 91320-1789  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/064,832  
 ; CLASSIFICATION:  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Winter, Robert B.  
 ; REFERENCE/DOCKET NUMBER: A-525  
 ; INFORMATION FOR SEQ ID NO: 2:  
 ; SOURCE/CHARACTERISTICS:  
 ; LENGTH: 401  
 ; LENGTH: 401  
 ; SOURCE/CHARACTERISTICS:  
 ; TYPE: amino acid  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: protein  
 ; US-09-064-832-2

Query Match 99.5%; Score 2192; DB 2; Length 401;  
 Best Local Similarity 99.8%; Pred. No. 3.1e-192; Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 Qy 1 MNKULCCALWFUDISIKWTQEFPKPQKLYHYDEBTSHQLCDCOPPGTYLKQHCTAKWT 60  
 Db 1 MNKULCCALWFUDISIKWTQEFPKPQKLYHYDEBTSHQLCDCOPPGTYLKQHCTAKWT 60  
 Qy 61 VCAPCPDPHYTDSWHTSDCELYCSPVCKELEYQVKBCNRTHNRYCECKEGYRLEIEFCLK 120  
 Db 61 VCAPCPDPHYTDSWHTSDCELYCSPVCKELEYQVKBCNRTHNRYCECKEGYRLEIEFCLK 120  
 Qy 121 HRSCPPGPGFWAQTPERNTVCKRCPDGFPSNETSSKAPCRKHTNCVFGLLITQKGNA 180  
 Db 121 HRSCPPGPGFWAQTPERNTVCKRCPDGFPSNETSSKAPCRKHTNCVFGLLITQKGNA 180  
 Qy 181 HDNICSgnSESTOKCGIDYTLCEBAFPRAVPTKFTPWLSVLVDNLPGTKVNAESVERI 240  
 Db 181 HDNICSgnSESTOKCGIDYTLCEBAFPRAVPTKFTPWLSVLVDNLPGTKVNAESVERI 240  
 Qy 241 KROHSSQEQTFOLKLKHONKODIVCKIQTDLCENSVORHIGHANTPEQLRSLME 300  
 Db 241 KROHSSQEQTFOLKLKHONKODIVCKIQTDLCENSVORHIGHANTPEQLRSLME 300  
 Qy 301 SLPGKKGAGDEIKTIKACKPSDQILKLSWIRKNGDQDTKLGMHALKHSKTYHPKT 360  
 Db 301 SLPGKKGAGDEIKTIKACKPSDQILKLSWIRKNGDQDTKLGMHALKHSKTYHPKT 360  
 Qy 361 VTOSLKKTIRPLHSPTMVKYQKLFLEMIGNQVOSVKISCL 401  
 Db 361 VTOSLKKTIRPLHSPTMVKYQKLFLEMIGNQVOSVKISCL 401

RESULT 15  
 US-10-232-858-62  
 ; Sequence 62, Application US/10232858  
 ; Patent No. 6858808  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GOTO, Masaaki  
 ; APPLICANT: TSUDA, Eisuke  
 ; APPLICANT: MOCHIZUKI, Shin'ichi  
 ; APPLICANT: YANO, Kazuki  
 ; APPLICANT: KOBAYASHI, Rumie  
 ; APPLICANT: SHIMA, No. 6858808uyuki  
 ; APPLICANT: YASUDA, Hirotaka  
 ; APPLICANT: NAKAGAWA, No. 6858808uaki  
 ; APPLICANT: MORINAGA, Tomonori  
 ; APPLICANT: UEDA, Masatsugu  
 ; APPLICANT: HIGASHIO, Kanji  
 TITLE OR INVENTION: No. 6858808el Proteins and Methods for Producing the Proteins  
 FILE REFERENCE: 16991-004  
 CURRENT APPLICATION NUMBER: US/10/232,858  
 PRIORITY NUMBER: PCT/JP96/00374  
 PRIORITY FILING DATE: 1996-02-20  
 PRIOR APPLICATION NUMBER: 08/915,004  
 PRIOR FILING DATE: 1997-08-20  
 NUMBER OF SEQ ID NOS: 108  
 SOFTWARE: PatentIn version 3.1  
 SEQ ID NO: 62  
 LENGTH: 401  
 TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ;  
 US-10-232-858-62

Query Match 99.3%; Score 2185; DB 2; Length 401;  
 Best Local Similarity 99.5%; Pred. No. 1.3e-191; 2;  
 Matches 399; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 MNKULICCALWPLDISIKWTQETPPKLYAHDEFTSHQQLCDKCPPGTYLKHQHTAKWKT 60  
 Db 1 MNNLICCALWPLDISIKWTQETPPKLYAHDEFTSHQQLCDKCPPGTYLKHQHTAKWKT 60  
 QY 61 VCAPCPDHYTDSWITSDECCLYCSPVCKELQYVQCBNTHRNVCHECKEGRYIEFCLK 120  
 Db 61 VCAPCPDHYTDSWITSDECCLYCSPVCKELQYVQCBNTHRNVCHECKEGRYIEFCLK 120  
 Qy 121 HRSCPPGFGWVQACTPERMYCKRCPDGFSNETSSKAPCRKHTNCYFGLLITQKGNAT 180  
 Db 121 HRSCPPGFGWVQACTPERMYCKRCPDGFSNETSSKAPCRKHTNCYFGLLITQKGNAT 180  
 Qy 181 HDNLCGNSESTOKCGIDTVLCEAFAFRAVPTPNWLSVLVDNLPGTKVNAESVERI 240  
 Db 181 HDNLCGNSESTOKCGIDTVLCEAFAFRAVPTPNWLSVLVDNLPGTKVNAESVERI 240  
 Qy 241 KROHSQEQTFLQLKWHQHONKODDIVKKTIQDIDCENSIVQRIGHANTTEFOLRSIME 300  
 Db 241 KROHSQEQTFLQLKWHQHONKODDIVKKTIQDIDCENSIVQRIGHANTTEFOLRSIME 300  
 Qy 301 SLRKKVGABDIKEKTIKACKPSDQILKSLWRKNGDOTTGMLMHALKHSKTYHEKTT 360  
 Db 301 SLRKKVGABDIKEKTIKACKPSDQILKSLWRKNGDOTTGMLMHALKHSKTYHEKTT 360  
 Qy 361 VTOSIKKIRPLHSPTMVKLYQKPLEMGNOVOSVKSL 401  
 Db 361 VTOSIKKIRPLHSPTMVKLYQKPLEMGNOVOSVKSL 401

Search completed: February 8, 2006, 14:54:35  
 Job time : 50 sec